



July 13, 2000

Ms. Lisha Cordova
State of Utah
Division of Oil & Gas, and Mining
1594 West North temples, Suite 1210
Salt Lake City, UT 84114-5801

Dear Lisha,

Enclosed are the original two copies of the of the Application for Permit to Drill for the NBU# 350, NBU 333, CIGE #247. Also enclosed is one copy of the Federal submitted APD for the NBU #332.

If you have questions or need additional information, please do not hesitate to call me, (435)781-7022.

Sincerely,

Katy Dow
Environmental Jr. Analyst

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**DIVISION OF
OIL, GAS AND MINING**

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
1368 S 1200 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. Type of Work

DRILL ☒DEEPEN ☐

B. Type of Well

OIL ☐GAS ☒OTHER: ☐SINGLE ZONE ☐MULTIPLE ZONE ☐

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 1148, Vernal UT 84078

(435)-781-7023

4. Location of Well (Footages)

At surface: 944' FSL & 449' FWL

At proposed proding zone:

4422' 405' N
6275' 45' E

14. Distance in miles and direction from nearest town or post office:

17 miles South of Ouray, UT

15. Distance to nearest property or lease line (feet):

944'

16. Number of acres in lease:

640.00

17. Number of acres assigned to this well:

N/A

18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet):

Refer to Topo "C"

19. Proposed Depth:

10,000'

20. Rotary or cable tools:

Rotary

21. Elevations (show whether DR, RT, GR, etc.):

5358.8' GR

22. Approximate date work will start:

Upon Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

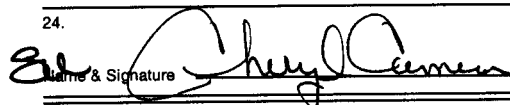
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Attached				
Drilling Program				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. Coastal Oil & Gas Corporation agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation Bond #102103.

24.

Name & Signature: 

Cheryl Cameron

Title: Sr. Environmental Analyst

Date: 7/12/00

(This space for State use only)

API Number Assigned:

43047-33641

Approval:

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 8/10/00

By: 

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(See Instructions on Reverse Side)

T10S, R21E, S.L.B.&M.

COASTAL OIL & GAS CORP.

Well location, NBU #333, located as shown in the SW 1/4 SW 1/4 of Section 13, T10S, R21E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

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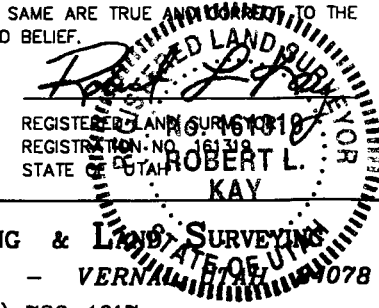
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SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UT 84407
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-19-98	DATE DRAWN: 10-20-98
PARTY D.A. L.L. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE COASTAL OIL & GAS CORP.	

S89°49'W - 81.28 (G.L.O.)

R
21
E

R
22
E

N00°18'W - 39.88 (G.L.O.)

N00°19'W - 40.15 (G.L.O.)

N00°46'W - 40.68 (G.L.O.)

N00°46'W - G.L.O. (Basis of Bearings)
2684.24' (Measured)

Brass Cap

13

NBU #333

Elev. Ungraded Ground = 5359'

449'
944'

Brass Cap

S89°46'47"W 2661.20' (Meas.)

S89°47'W - 40.33 (G.L.O.)

1977 Brass Cap
1.5" High, Pile
of Stones

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

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NBU #333
SW/SW Sec. 13, T10S-R21E
Uintah County, UT
ML-23608

ONSHORE ORDER NO. 1
COASTAL OIL & GAS CORPORATION
DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
KB	5325'
Green River	1125'
Wasatch	4300'
Mesasverde	6930'
Lower Mesaverde	9425'
Total Depth	9500'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1125'
Gas	Wasatch	4300'
Gas	Mesaverde	6930'
	Lower Mesaverde	9425'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11' drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.

The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.

The hydrill will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 2,000 psi.

4. **Proposed Casing & Cementing Program:**

<i>SURFACE CASING</i>	<i>Depth</i>	<i>Hole Size</i>	<i>Csg Size</i>	<i>Wt/Ft</i>	<i>Grade</i>	<i>Type</i>
Surface	0-250'	17 1/2"	13 3/8"	54.5#	K-55	ST&C

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<i>Surface Casing</i>	<i>Fill</i>	<i>Type & Amount</i>
Ft. of Fill 250'	250'	250 sx Class "G" + 2% CaCl ₂ , + 0.25 lb/sk Flocele 15.6 ppg, 1.19 cf/sk
<i>Intermediate Casing</i>	<i>Type & Amount</i>	
Ft. of Fill 3800'	Lead: 550 sx Hifill Mod + 0.6% Ex-1 + 0.25 lb/sk Flocele + 0.2% FWCA + 10 lb/sk Gilsonite + 16% gel, 11.6 ppg, 3.12 cf/sk	
Ft. of Fill 2500'	Tail: 810 sx 50/50 POZ + 0.25 lb/sk Flocele + 0.4% HALAD-322 + 2% gel + 0.1% HR-5 + 5% Salt, 14.40 ppg, 1.20 cf/sk	
<i>Production Casing</i>	<i>Type & Amount</i>	
Ft. of Fill 5700'	Lead: 1180 sx 50/50 POZ + 0.25 lb/sk Flocele + 0.6% HALAD-322 + 2% Gel + 2% Micro Bond HT + 5% Salt, 14.40 ppg, 1.26 cf/sk	

5. **Drilling Fluids Program:**

<u>Depth</u>	<u>Type</u>	<u>Mud Wt.</u>
0-Trona	Air Mist	N/A
Trona-Intm	Aerated/Water	N/A
	Water	
Intm-TD	Water/Mud	8.5-12.0

6. **Evaluation Program:** (Logging)

<u>Depth</u>	<u>Log Type</u>
SC-TD	Triple Combo
Int-TD	Sonic

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure approximately equals 4,000 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1,800 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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NBU #333
SW/SW Sec. 13, T10S-R21E
Uintah County, UT
ML-23608

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

To reach the NBU #350 location - Proceed in a westerly direction from Vernal, Utah along U.S. highway 40 approximately 14.0 miles to the junction of state highway 88; exit left and proceed in a southerly direction approximately 17.0 miles to Ouray, Utah; proceed in a southerly direction approximately 11.5 miles on the seep ridge road to the junction of this road and an existing road to the east; turn left and proceed in a southeasterly direction approximately 6.5 miles to the junction of this road and an existing road to the north; turn left and proceed in a northerly direction approximately 0.6 miles to the beginning of the proposed access to the east; follow road flags in an easterly direction approximately 0.3 miles to the proposed location.

Total distance from Vernal, Utah to the proposed well location is approximately 49.9 miles.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

Improvements to existing access roads shall be determined at the on-site inspection.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. **Planned Access Roads:**

Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet, ***unless modified at the on-site inspection.*** Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

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3. **Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Desert Brown, Munsell standard color number 10 YR 6/3.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo D for the proposed pipeline.

5. **Location and Type of Water Supply:**

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. **Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids. ***The need for a reserve pit liner will be determined at the on-site inspection.***

If a plastic reinforced liner is used, it will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

8. **Ancillary Facilities:**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). ***This section is subject to modification as a result of the on-site inspection.***

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

If it is determined that a pit liner will be used at the on-site inspection, the reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire.

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Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

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10. Plans for Reclamation of the Surface:

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Producing Location:

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Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment

of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. **Surface Ownership:**

State of Utah
Department of Natural Resources
Division of Oil Gas & Mining
1594 West North Temple
Salt Lake City, UT 84114-5801

**SITLA per op. 7-18-2000.
lc*

12. **Other Information:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey was conducted by Montgomery Archaeological Consultants. A copy of this report was submitted directly to UTDOGM.

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13. Lessee's or Operators's Representative & Certification:

Cheryl Cameron
Environmental Analyst
Coastal Oil & Gas Corporation
P.O. Box 1148
Vernal, UT 84078
(435) 781-7023

Ben Clark
Drilling Manager
Coastal Oil & Gas Corporation
9 Greenway Plaza, Suite 2770
Houston, TX 77046
(713) 877-7982

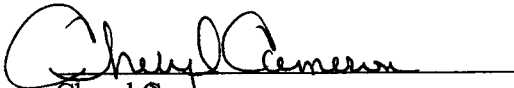
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. Coastal Oil & Gas Corporation agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation Bond #102103.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Cheryl Cameron

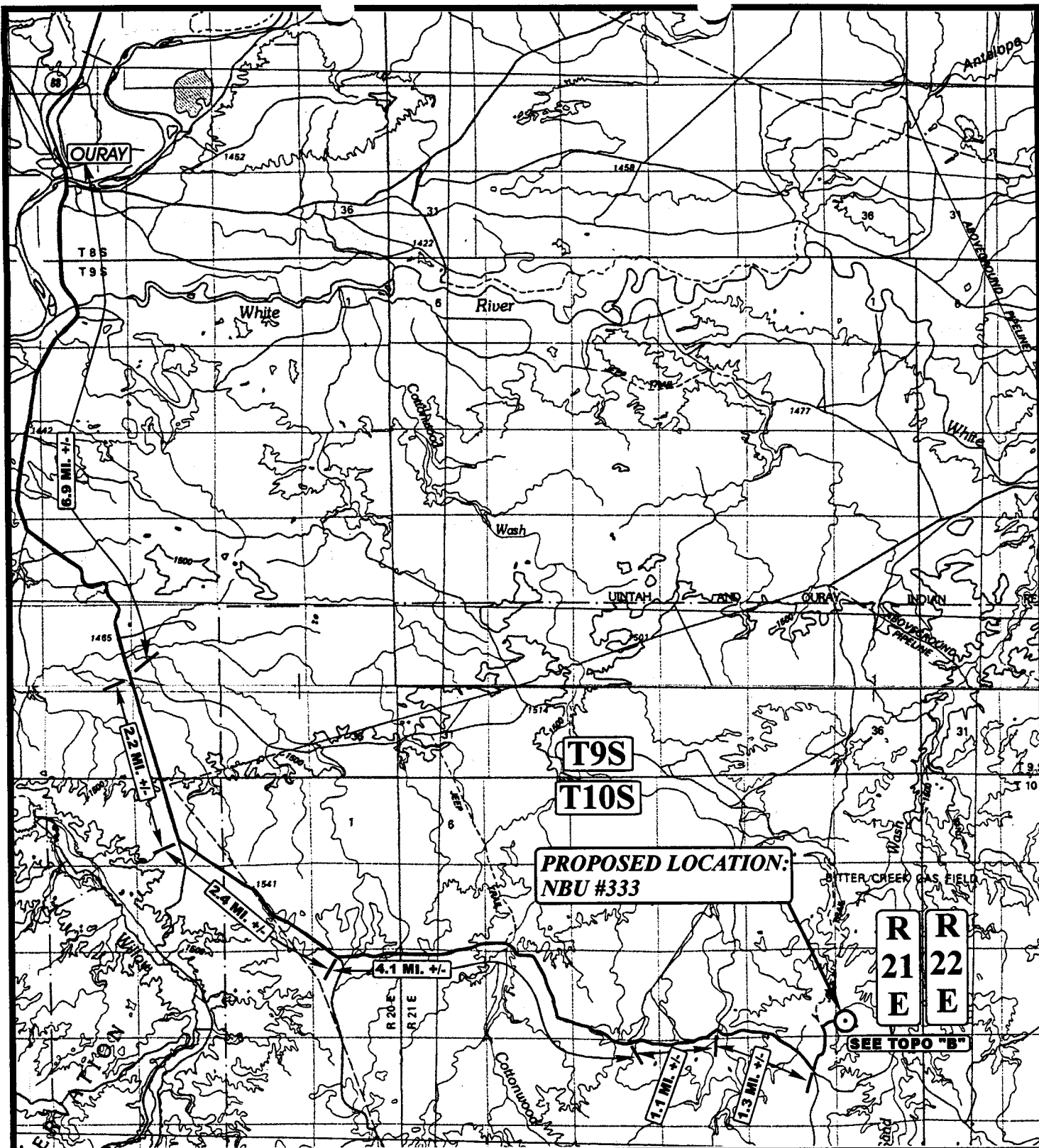
7/12/00

Date

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LEGEND:

○ PROPOSED LOCATION

COASTAL OIL & GAS CORP.

NBU #333

SECTION 13, T10S, R21E, S.L.B.&M.

944' FSL 449' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

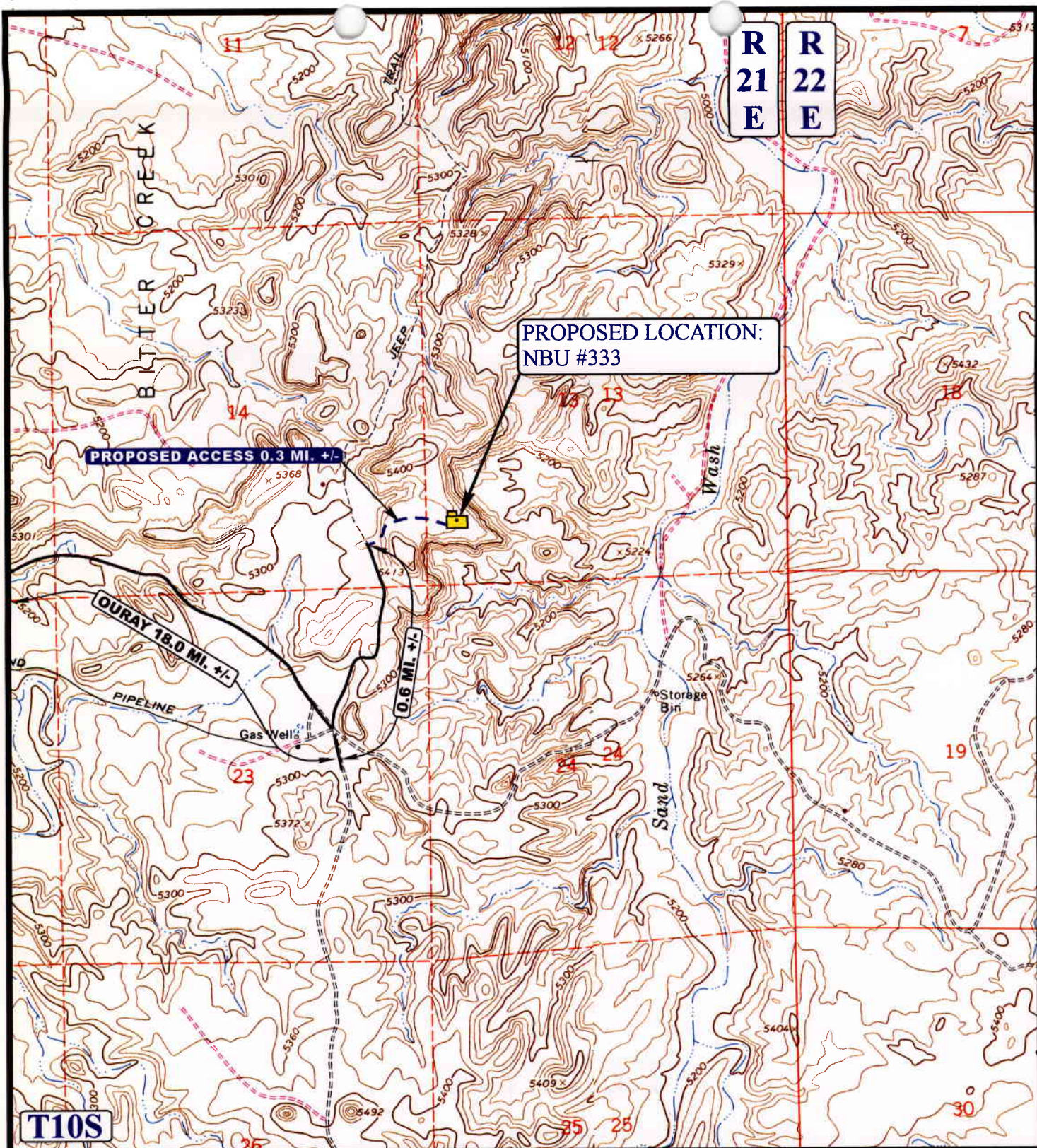


TOPOGRAPHIC
MAP

10/20/98
 MONTH DAY YEAR

SCALE: 1 : 100,000 DRAWN BY: C.G. REVISED: 00-00-00





LEGEND:

--- PROPOSED ACCESS ROAD
 — EXISTING ROAD



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 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

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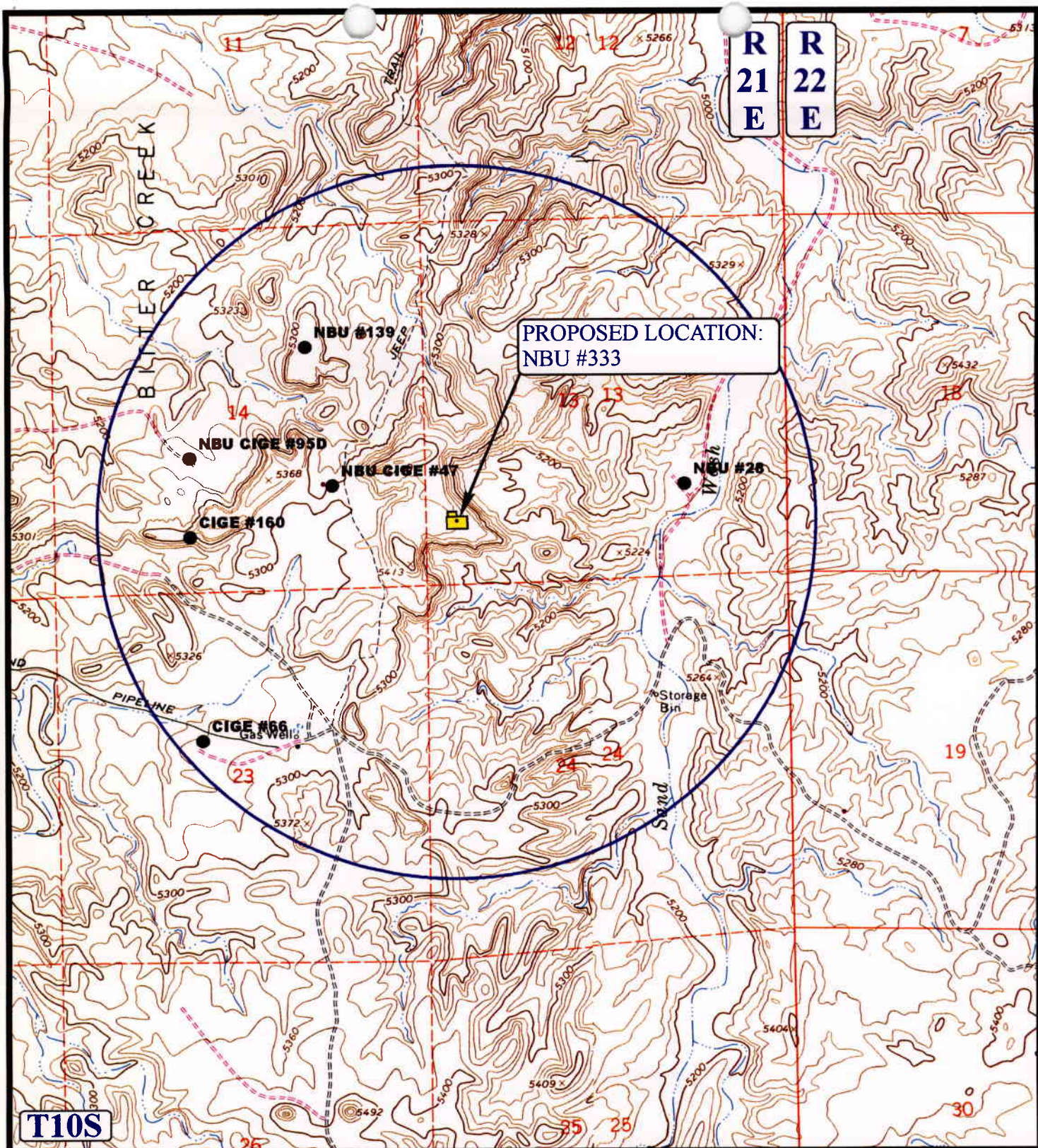
NBU #333
SECTION 13, T10S, R21E, S.L.B.&M.
944' FSL 449' FWL

TOPOGRAPHIC
MAP

10 20 98
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00

B
TOPO



T10S

LEGEND:

- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊗ WATER WELLS |
| ● PRODUCING WELLS | ⊖ ABANDONED WELLS |
| ● SHUT IN WELLS | ⊖ TEMPORARILY ABANDONED |



COASTAL OIL & GAS CORP.

NBU #333
SECTION 13, T10S, R21E, S.L.B.&M.
944' FSL 449' FWL



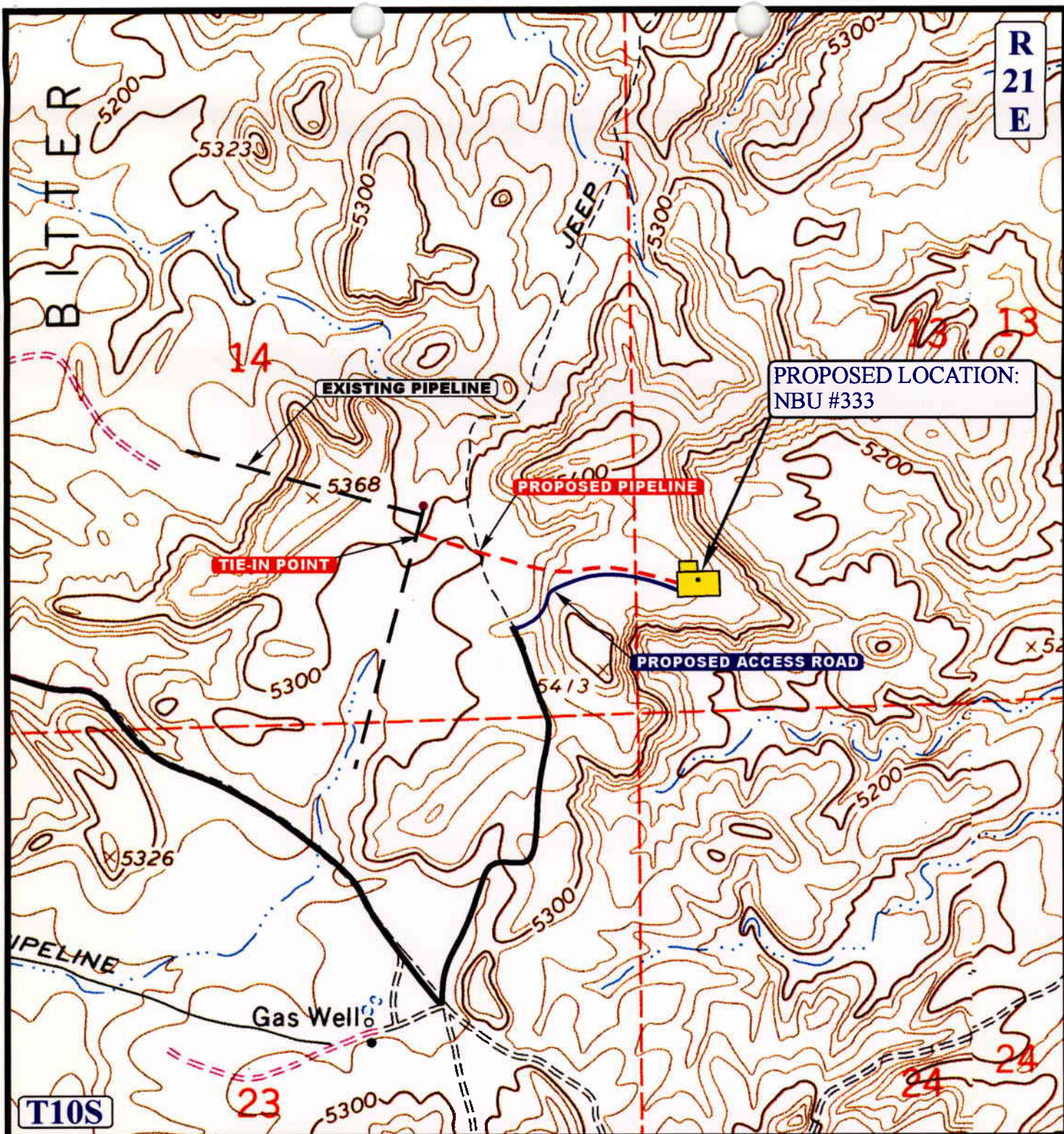
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

10 20 98
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 1900' +/-

LEGEND:

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS



COASTAL OIL & GAS CORP.

NBU #333

SECTION 13, T10S, R21E, S.L.B.&M.

944' FSL 449' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

10 20 98
 MONTH DAY YEAR

SCALE: 1" = 1000'

DRAWN BY: C.G.

REVISED: 00-00-00



COASTAL OIL & GAS CORP.

LOCATION LAYOUT FOR

NBU #333

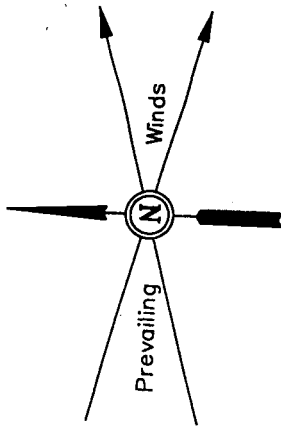
SECTION 13, T10S, R21E, S.L.B.&M.

944' FSL 449' FWL

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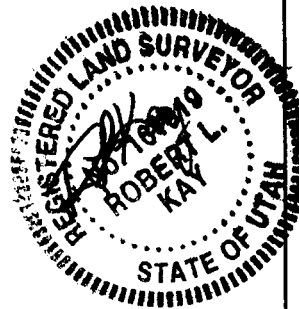
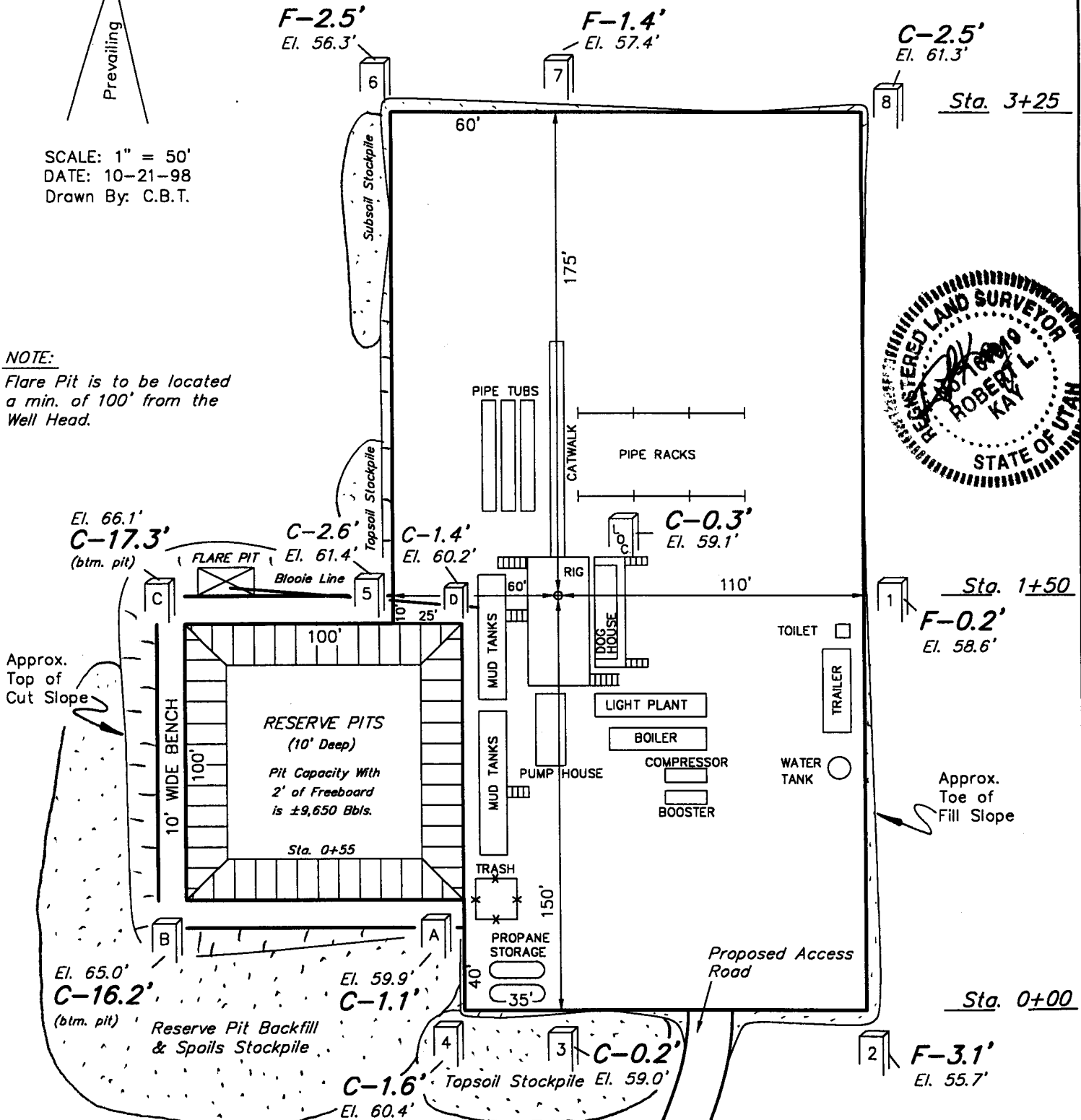
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OIL, GAS AND MINING



SCALE: 1" = 50'
DATE: 10-21-98
Drawn By: C.B.T.

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5359.1'

FINISHED GRADE ELEV. AT LOC. STAKE = 5358.8'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING
85 South 200 East Vernal, Utah

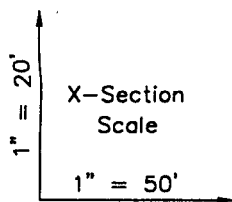
COASTAL OIL & GAS CORP.

TYPICAL CROSS SECTIONS FOR

NBU #333

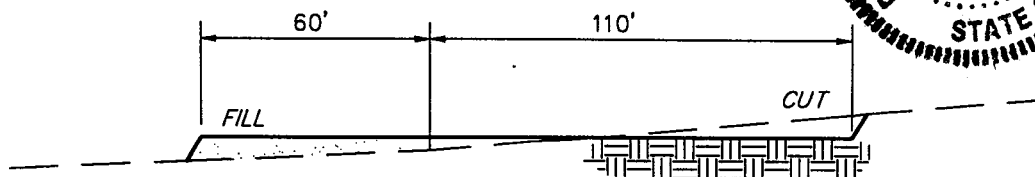
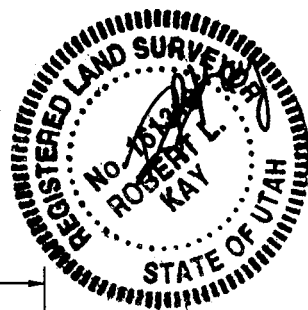
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944' FSL 449' FWL

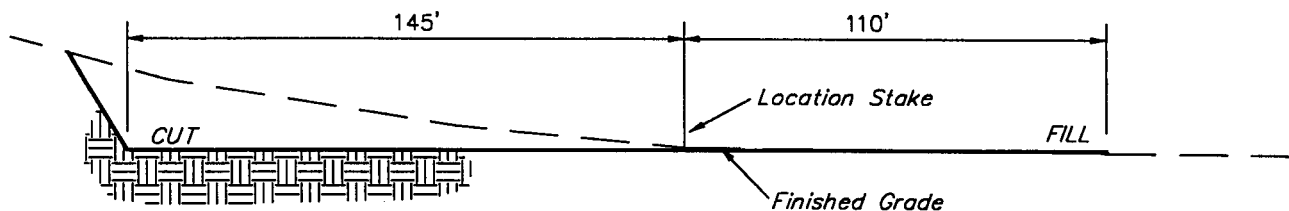


DATE: 10-21-98

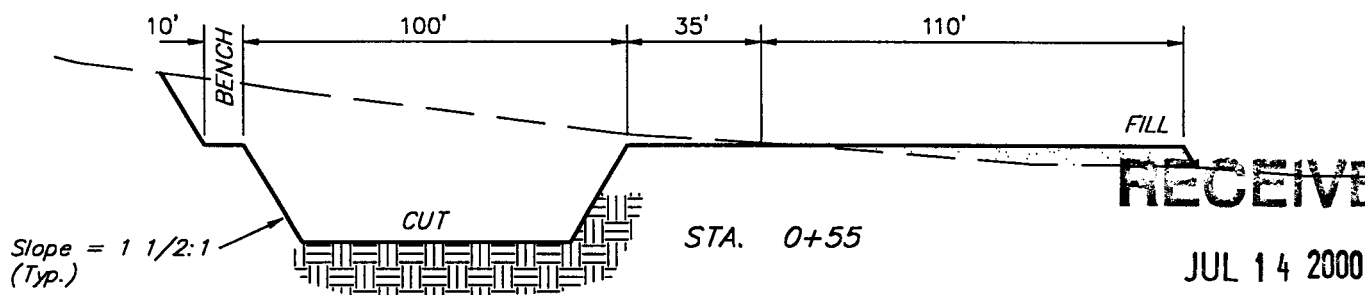
Drawn By: C.B.T.



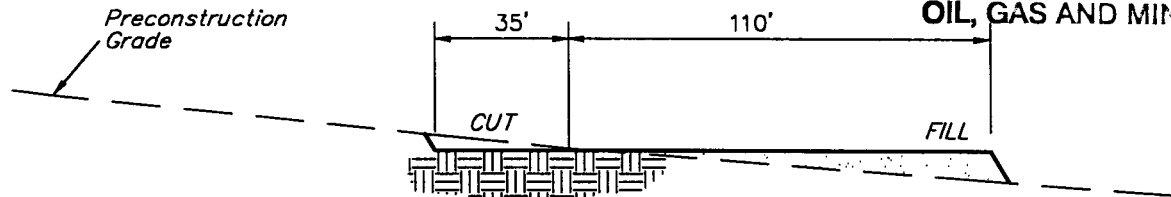
STA. 3+25



STA. 1+50



STA. 0+55



STA. 0+00

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OIL, GAS AND MINING

FIGURE #2

APPROXIMATE YARDAGES

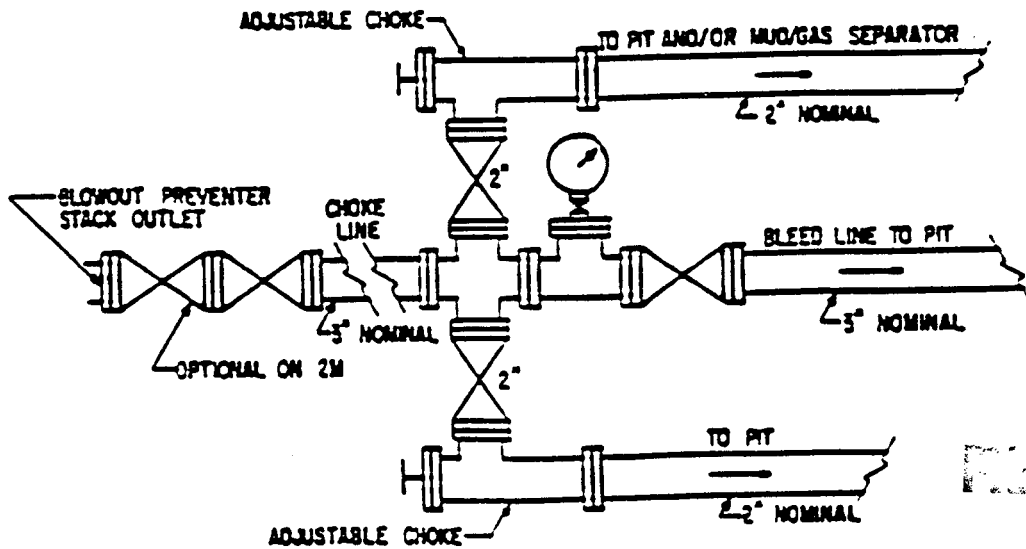
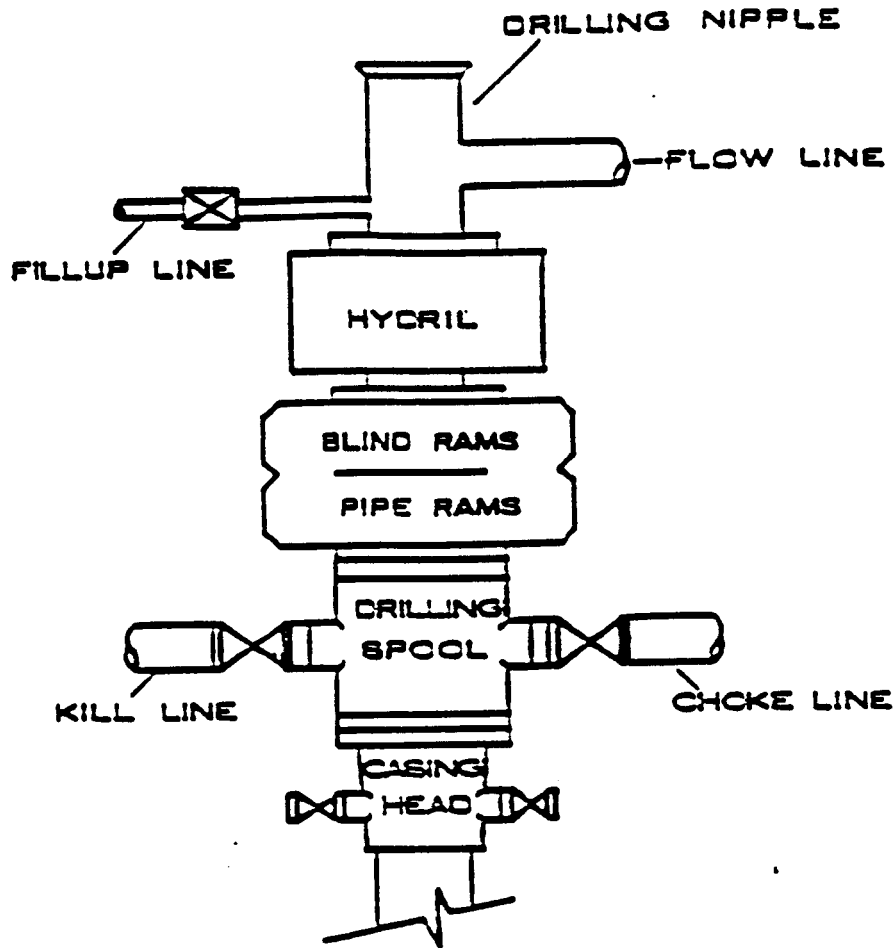
CUT	
(6") Topsoil Stripping	= 1,140 Cu. Yds.
Remaining Location	= 5,090 Cu. Yds.
TOTAL CUT	= 6,230 CU.YDS.
FILL	= 1,280 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 4,880 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,480 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 2,400 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 South 200 East Vernal, Utah

3,000 PSI

EOF STACK



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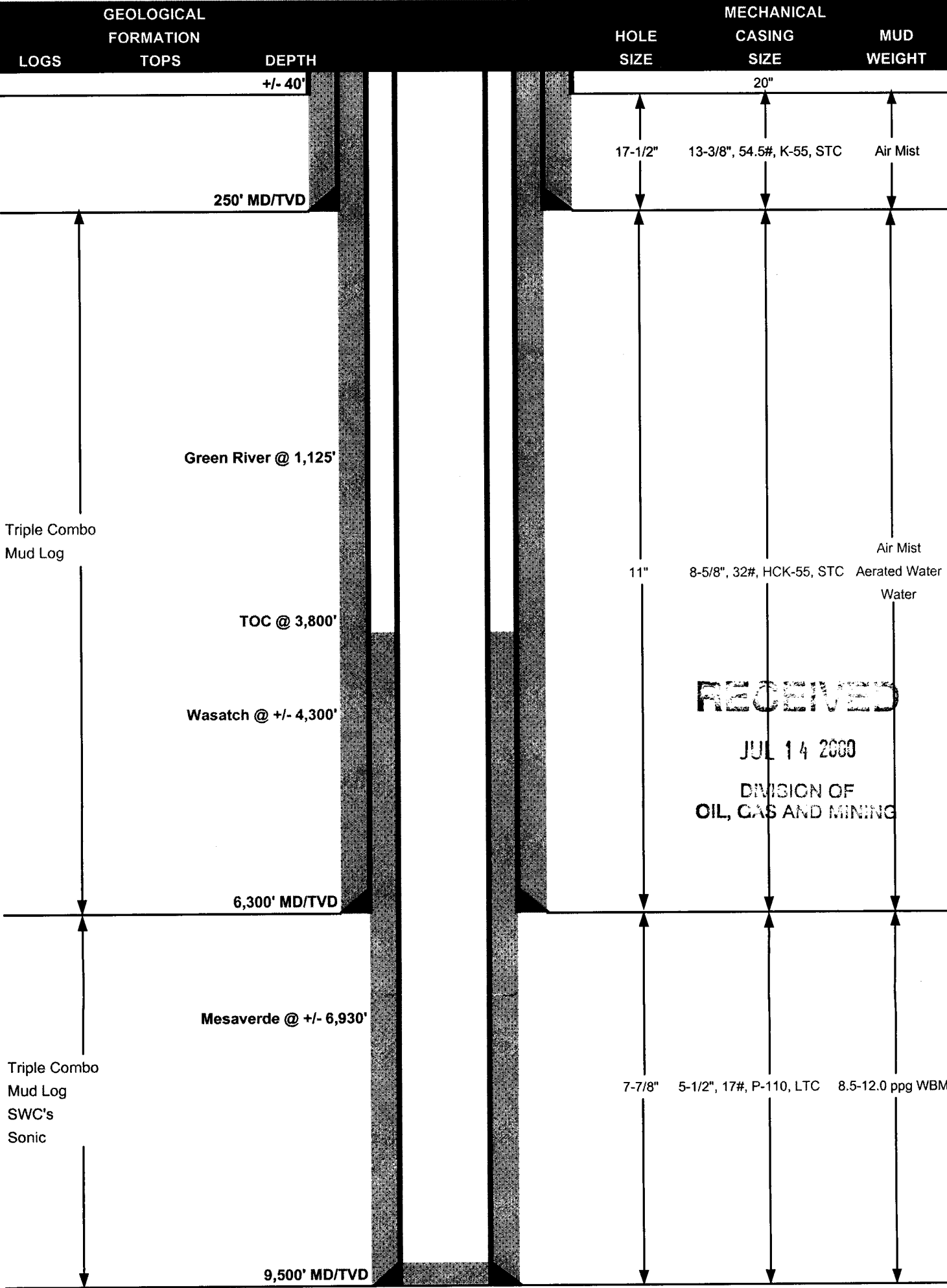
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DIVISION OF
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COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

COMPANY NAME Coastal Oil & Gas Corporation DATE 7/11/00
WELL NAME NBU #333 TD 9,500' MD/TVD
FIELD NBU COUNTY Uintah STATE Utah ELEVATION 5,325' KB
SURFACE LOCATION 944' FSL & 449' FWL, Sec 13, T10S x R21E BHL Straight Hole
OBJECTIVE ZONE(S) Wasatch, Mesaverde
ADDITIONAL INFO Set intermediate casing through Upper Wasatch



DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
SURFACE	13-3/8"	0-250'	54.5#	K-55	STC	2,730	1,130	547,000
						19.47	9.66	4.81
INTERMEDIATE	8-5/8"	0 - 4,000'	32#	K-55	STC	3,930	4,130	402,000
		4,000' - 6,300'	32#	HCK-55		1.18	1.40	1.33
PRODUCTION	5-1/2"	0-TD	17#	P-110	LTC	10,640	7,480	445,000
						2.13	1.22	1.67

- 1) Maximum Anticipated Surface Pressure (MASP) (Conductor and Surface Casings) = (Frac Gradient at Shoe - Gas Gradient (0.115 psi/ft))(TVD)
- 2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (Gas Gradient x TVD of Next Casing Point x 0.67) - (Mud Weight x TVD x 0.052 x 0.33)
- 3) MASP (Prod Casing) = Pore Pressure - (Gas Gradient x TVD of Production Interval)
- (Burst Assumptions: FG @ 13-3/8" shoe = 13.0 ppg, Max Pore Pressure = Max MW)
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing, 100,000 lbs overpull)

CEMENT PROGRAM

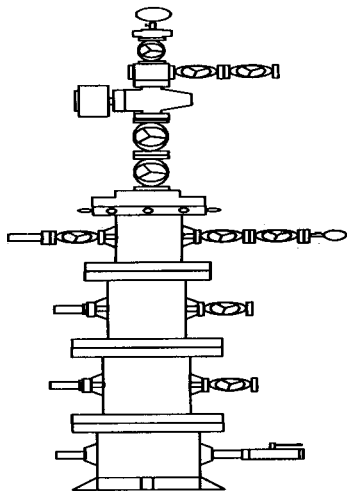
		FT. OF FILL	DESCRIPTION	SACKS	EXCESS*	WEIGHT	YIELD
SURFACE		250'	Class G + 2% CaCl2 + 0.25 lb/sk Flocele	250	50%	15.60	1.19
INTERMEDIATE	LEAD	3,800'	HiFill-Mod + 0.6% EX-1 + 0.25 lb/sk Flocele + 0.2% FWCA + 10 lb/sk Gilsonite + 16% Gel	550	75%	11.60	3.12
	TAIL	2,500'	50/50 Poz +0.25 lb/sk Flocele + 0.4% HALAD-322 + 2% Gel + 0.1% HR-5 + 5% Salt	810	50%	14.40	1.20
PRODUCTION		5,700'	50/50 Poz +0.25 lb/sk Flocele + 0.6% HALAD-322 + 2% Gel + 2% MicroBond HT + 5% Salt	1,180	50%	14.30	1.26

* or 15% over caliper

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 joint, float collar. Centralize first 3 joints & every other collar to surface. Thread lock FE up to and including pin end of float collar.
INTERMEDIATE	Guide shoe, 1 joint, float collar. Centralize first 3 joints & every other joint to top of tail cement. Thread lock FE up to and including pin end of float collar.
PRODUCTION	Float shoe, 1 joint, float collar. Centralize every other joint across pay zones.

WELLHEAD EQUIPMENT



TREE	2-1/16" 5M	JUL 14 2001
TUBING HEAD	11" 5M X 7-1/16" 10M	DIVISION OF OIL, GAS AND MINING
CASING SPOOL		
CASING SPOOL	13-5/8" 3M X 11" 5M	
CASING HEAD	13-3/8" SOW X 13-5/8" 3M	

BIT PROGRAM

INTERVAL	HOLE	BIT MFG & MODEL	GPM	SE	NZLS	COMMENTS
Surface Hole	17-1/2"	Various				Pre-set
Intermediate hole	11"	ATJ-33C or equivalent	Air/Aerated			
Production Hole	7-7/8"	Insert (4 or 5 type)	400-350			Possible Mud Motor

GEOLOGICAL DATA

LOGGING:

Depth	Log Type
SC - TD	Triple Combo
Int - TD	Sonic

MUD LOGGER:	Surface - TD	RECEIVED
SAMPLES:	As per Geology	
CORING:	Possible SWC's at selective intervals.	JUL 14 2000
DST:	As per Geology	

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MUD PROGRAM

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
0-Trona	Air Mist	NA	NA		
Trona-Intm	Aerated Water	NA	NC	NA	Polymer, Gyp
	Water				
Intm-TD	Water/Mud	8.5-12.0	NC - <10 cc's	30-45	Polymer, Gyp

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,000 psi prior to drilling out. Test int. to 1,000 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Run Totco survey every 1,500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

PROJECT ENGINEER:

Blaine Yeary

DATE:

PROJECT MANAGER:

Ben Clark

DATE:



MONTGOMERY
ARCHAEOLOGICAL
CONSULTANTS

Box 147, 322 East 100 South, Moab, Utah 84532 (435) 259-5764 FAX (435) 259-5608 LPS

OCT 27 1998

BLC RAD SCP CEL
SA (435) 259-5608 LPS

XC: Drlg
RJC

October 24, 1998

Ms. Bonnie Carson
Coastal Oil & Gas Corporation
Box 749
Denver, CO 80201-0749

Dear Ms. Carson:

Enclosed please find the report entitled "Cultural Resource Inventory of Coastal Oil & Gas Corporation's CIGE 246, NBU 333, NBU 347, NBU 349 and NBU 350 Well Locations and Associated Pipelines, Uintah County, Utah." The inventory resulted in no cultural resources. Based on the findings, a determination of "no effect" is recommended pursuant to Section 106, CFR 800 for this undertaking.

Copies of the report has been sent to the appropriate state and federal agencies for review. If you have any questions or comments, please feel free to call me.

Sincerely,

Keith R. Montgomery
Principal Investigator

cc: James Dykmann, Compliance Archaeologist, Utah SHPO
Blaine Philips, BLM Archaeologist, Vernal District

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DIVISION OF
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CULTURAL RESOURCE INVENTORIES OF COASTAL OIL AND
GAS CORPORATIONS CIGE 246, NBU 333, NBU 347, NBU 349
AND NBU 350 WELL LOCATIONS, ACCESS ROADS,
AND ACCESS ROADS IN UINTAH COUNTY, UTAH

by

Keith R. Montgomery

Prepared For:

State of Utah
and
Bureau of Land Management
Vernal District

Prepared Under Contract With:

Coastal Oil & Gas Corporation
P.O. Box 749
Denver, Colorado 80201

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

October 23, 1998

United States Department of Interior (FLPMA)
Permit No. 98-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-98-MQ-0631b,s

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INTRODUCTION

In October, 1998, cultural resource inventories were conducted by Montgomery Archaeological Consultants for Coastal Oil & Gas Corporation's proposed well locations CIGE 246, NBU 333, NBU 347, NBU 349 and NBU 350. The project area is located in the Sand Wash area about 11 miles southeast of Ouray, Uintah County, Utah. The survey was implemented at the request of Bonnie Carson, Coastal Oil & Gas Corporation, Denver, Colorado. The project area occurs on State of Utah land and Bureau of Land Management (BLM) administered lands, Book Cliffs Resource Area, Vernal District.

The objective of the inventories were to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventories were implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and Utah State Antiquities Act of 1973 (amended 1990).

The archaeological fieldwork was performed by Keith R. Montgomery, Principal Investigator for Montgomery Archaeological Consultants on October 17 and 21, 1998, under the auspices of U.S.D.I. (FLPMA) Permit No. 98-UT-60122 and State of Utah Antiquities Permit (Survey) No. U-98-MQ-0631b,s.

A file search for previous archaeological inventories and documented cultural resources was conducted on August 6, 1998, by the author at the Division of State History, State Historical Preservation Office, Salt Lake City. A second file search was completed by the author at the BLM Vernal District on September 10, 1998. These consultations indicated that numerous inventories have been completed in the area. In the vicinity of proposed Well Location No. NBU 347 an inventory was completed in 1991 by Metcalf Archaeological Consultants for Coastal Oil and Gas well locations (Lubinski and Scott 1991). At proposed Well Location No. NBU-349 two surveys have been conducted. In 1981, Brigham Young University surveyed the Sand Wash Shale Oil Plant (Nielson 1981). In 1986, Metcalf Archaeological Consultants inventoried Coastal Oil & Gas Corporations NBU-82 well location and access road (Metcalf 1986). No previously documented archaeological sites occur in the project areas.

In addition, a records search for paleontological localities was conducted by Martha Hayden, Utah Geological Survey (August 28, 1998). No previously recorded sites occur in the project areas, although vertebrates and plant fossils are known in the Uintah and Duchesne formations.

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DESCRIPTION OF PROJECT AREA

The project area is situated on the north end of East Bench and Archy Bench, along both sides of Sand Wash, Uintah County, Utah. It lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). Specifically, the inventory area is situated in an area of broad erosional benches, buttes, and ridges dissected by drainages. The geology consists of the Early Tertiary age Uintah formation composed of thin-bedded flood plain deposits which overlays the Duchesne formations characterized by river-deposited conglomerate, sandstone, and fine-grained rocks. The nearest permanent water source is the White River located along the east side of the project area. Major intermittent drainages in the area include Sand Wash and Cottonwood Wash. The elevation of the project area ranges from 4880 to 5360 feet a.s.l. Vegetation cover is an Upper Sonoran desert shrub community which includes shadscale, sagebrush, greasewood, snakeweed, prickly pear cactus, Russian thistle, and blue gamma. Modern disturbances to the landscape includes roads, well locations, and pipelines mainly associated with oil/gas exploration.

The inventory area consists of five proposed well locations with access and/or pipeline corridors (Figures 1 and 2) The legal descriptions are T 10S, R 21E, S. 2 (State), 13 (State), and 14 (BLM); and T 10S, R 22E, S. 11 (State) and 14 (State).

Table 1. Coastal Oil & Gas Corporations Well Location Descriptions

Well Number	Legal Location	Location at Surface	Access Road	Cultural Resources
CIGE 246-2-10-21	T10S R21E S.2 NE/NW	474' FNL 2055' FWL	Access 500' Pipeline 500'	None
NBU 333	T10S R21E S.13 SW/SW	944' FSL 449' FWL	Access 1000' (BLM), 150' (State) Pipeline 1100' (BLM)	None
NBU 347	T10S R22E S.11 NW/SW	1697' FSL 411' FWL	Pipeline 4200'	None
NBU 349	T10S R22E S.11 SW/SE	1109' FSL 2405' FEL	Access 1200'	None
NBU 350	T10S R22E S.14 NW/NE	373' FNL 1845 FEL	Access 1800' Pipeline 3200'	None

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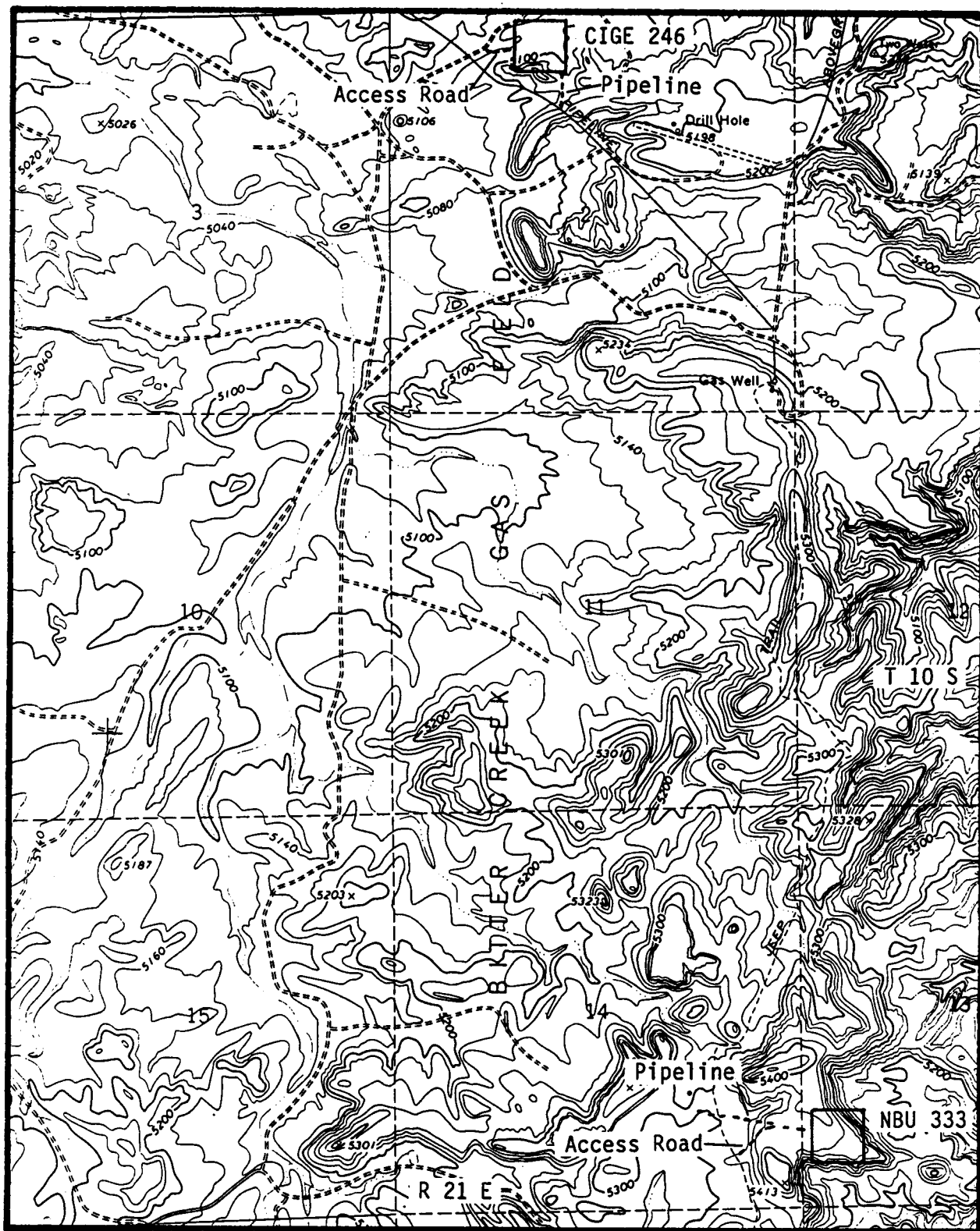


Figure 1. Inventory Area of Coastal Oil and Gas Corporation's Proposed Well Locations CIGE 246, and NBU 333 with Access Roads and Pipelines, Uintah County, UT USGS 7.5' Big Pack Mountain, NE , UT 1968. Scale 1:24000.

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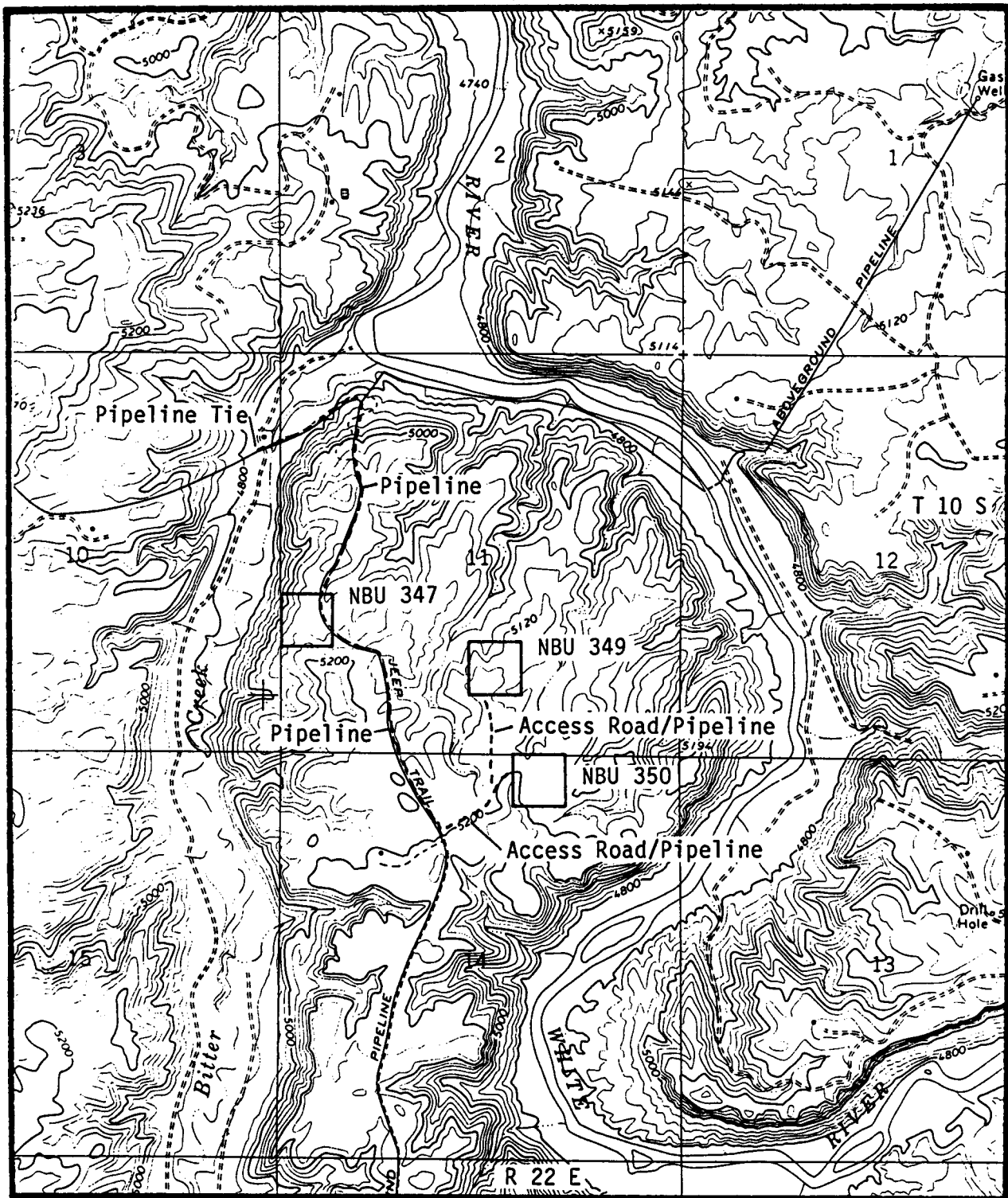


Figure 2. Inventory Area of Coastal Oil and Gas Corporation's Proposed Well Locations NBU 347, 349 and 350 with Access Roads and Pipelines, Uintah County, UT USGS 7.5' Archy Bench, UT 1968. Scale 1:24000.

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SURVEY METHODOLOGY

An intensive pedestrian survey was performed by the author for this project which is considered 100% coverage. At each of the five proposed well locations, a 10 acre square was defined, centered on the well pad center stake. The interiors of the well locations were examined for cultural resources by the archaeologist walking parallel transects spaced no more than 10 meters apart. The access roads and pipeline corridors were surveyed to a 150 foot width by the archaeologist walking parallel transects along the staked centerline, spaced no more than 10 meters apart. Ground visibility was considered good. A total of 96.9 acres was surveyed for this project consisting of 89.7 acres on State of Utah land and 7.2 acres on BLM administered land.

RESULTS AND RECOMMENDATIONS

The inventory of Coastal Oil & Gas Corporation's proposed five well locations, access roads, and pipeline corridors resulted in no cultural resources.

Based on these findings, a determination of "no effect" is recommended for this project pursuant to Section 106, CFR 800.

REFERENCES CITED

Lubinski, Patrick M. and John M. Scott

1991 Cultural Resource Inventory of 18 Proposed Coastal Oil and Gas Corporations Well Locations and Access Roads on State of Utah Lands, Uintah County, Utah. Metcalf Archaeological Consultants. Report No. 91-MM-44.

Metcalf, Michael

1986 Cultural Resource Inventory of the Coastal Oil and Gas Corporation NBU-82 Well Pad and Access Road, Uintah County, Utah. Metcalf Archaeological Consultants. Report No. 86-MM-704.

Nielson, Asa

1981 Cultural Resource Inventory of Tosco Corporation's Sand Wash Shale Oil Plant, Uintah County, Utah. Brigham Young University, Cultural Resource Management Service, Provo. Report No. 81-BC-721.

Stokes, William L.

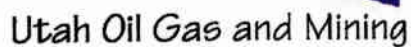
1986 Geology of Utah. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.

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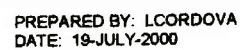
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DIVISION OF
OIL, GAS AND MINING

② OIL SHALE



COUNTY: UINTAH UNIT: NATURAL BUTTES
CAUSE 173-14





Sent by fax to: (801) 359-3940

July 21, 2000

State of Utah
Division of Oil, Gas & Mining
1594 W. North Temple, Suite 12010
Salt Lake City, UT 84180

Attention Ms. Lisha Cordova

RE: NBU 333
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 13, T10S-R21E
Uintah County, Utah

Dear Ms. Cordova:

The location for the NBU 333 well to be drilled in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 13, T10S-R21E, Uintah County, Utah, is 944 feet from the south line and 449 feet from the west line of said Section 13. This location is not within 460 feet from the boundary of the Natural Buttes Unit, nor is it within 460 feet of any non-committed tract lying within the boundaries of the Unit.

We respectfully request that the above stated location be approved for drilling by the Division of Oil, Gas & Mining.

Very truly yours,

Donald H. Spicer
Senior Landman

cc: Cheryl Cameron
Joel Degenstein / well file
Len Miles

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
COASTAL TOWER • NINE GREENWAY PLAZA • HOUSTON TX 77046-0995 • 713/877-1400

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WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS:

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, SAGEBRUSH, PRICKLY PEAR, SALT BRUSH, SHADSCALE: RODENTS, COYOTES, SONGBIRDS, RAPTORS, PRONGHORN.

SOIL TYPE AND CHARACTERISTICS: VERY LIGHT SANDY CLAY WITH GRAY SHALE ROCKS.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE ANY INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT:

CHARACTERISTICS: 100' BY 100' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A 20 MIL LINER WILL BE REQUIRED FOR RESERVE PIT.

SURFACE RESTORATION/RECLAMATION PLAN:

AS PER S.I.T.L.A.

SURFACE AGREEMENT: AS PER S.I.T.L.A.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY MONTGOMERY ARCHAEOLOGICAL CONSULTANTS. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.

OTHER OBSERVATIONS/COMMENTS:

THE PRE-DRILL INVESTIGATION TOOK PLACE ON A HOT SUMMER DAY.

ATTACHMENTS:

PHOTOS OF SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

7/26/00-10:30 AM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and On-site Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility		
Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
Final Score		<u>30</u>











**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

Operator Name: COASTAL OIL & GAS CORP.

Well Name & Number: NBU 333

API Number: 43-047-33641

Location: 1/4,1/4 SW/SW Sec. 13 T. 10S R. 21E

Geology/Ground Water:

Coastal proposes to set 250' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 5,000'. A search of Division of Water Rights records shows 4 water wells within a 10,000 foot radius of the center of section 13. None are closer than 7,000 feet and should not be influenced by the proposed well. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed surface casing should adequately protect any underground sources of useable water.

Reviewer: Brad Hill

Date: 8/1/2000

Surface:

The pre-drill investigation of the surface was performed on 7/26/2000. Surface owner is State of Utah. SITLA was notified of this investigation on 7/18/2000. They did not have a representative present. This site is not a legal location per general state siting rule. This site appears to be the best spot for a location in the immediate area. COGC requests an exception location. Because of the steep canyon adjacent to site and the presence of sandstone outcroppings, a 20 mil liner will be required for the reserve pit. In the past on locations similar to this 12 mil liners proved to be inadequate. It was noted that the beginning of the proposed access road is in section 14 which is BLM surface. A BLM representative was not present. Debbie Harris with COGC stated that she would check into this and if necessary another investigation would be conducted with the BLM.

Reviewer: David W. Hackford

Date: 7/28/2000

Conditions of Approval/Application for Permit to Drill:

1. A properly installed 20 mil liner will be required for the reserve pit.

UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED TUE, AUG 1, 2000, 11:20 AM
PLOT SHOWS LOCATION OF 5 POINTS OF DIVERSION

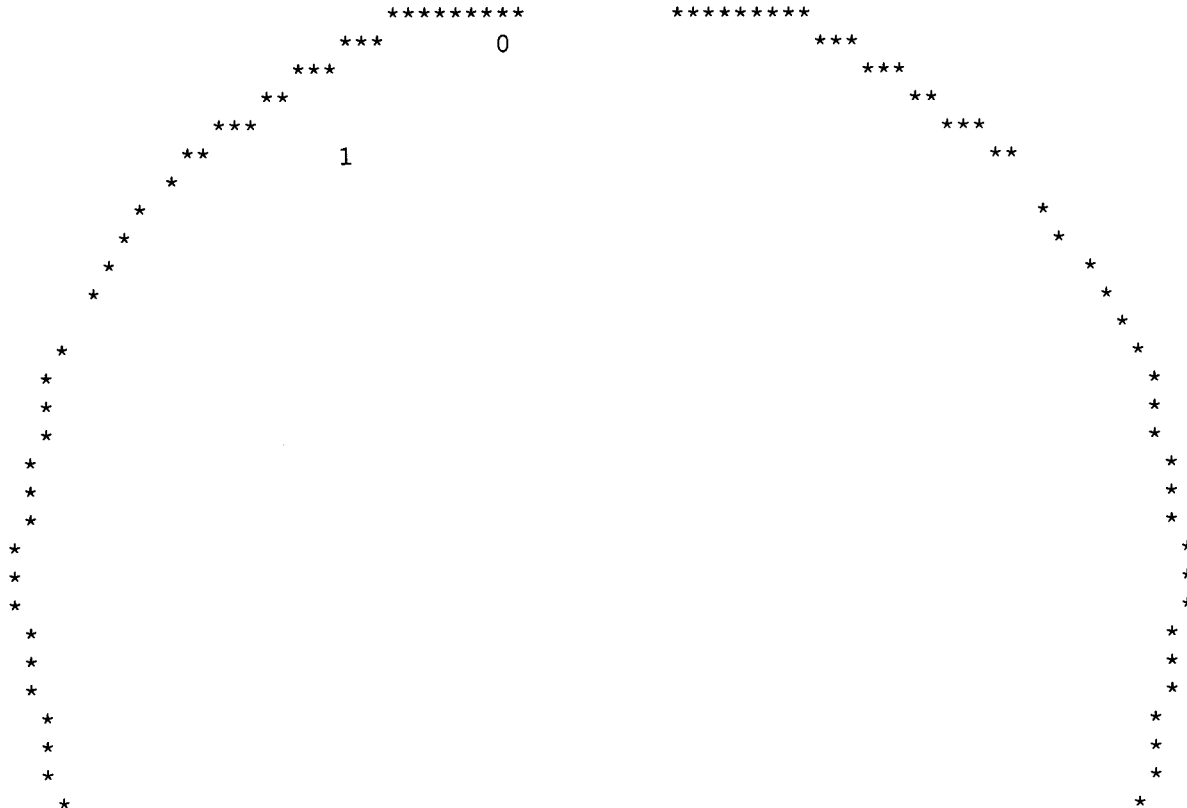
PLOT OF AN AREA WITH A RADIUS OF 10000 FEET FROM A POINT
FEET, FEET OF THE NW CORNER,
SECTION 13 TOWNSHIP 10S RANGE 21E SL BASE AND MERIDIAN

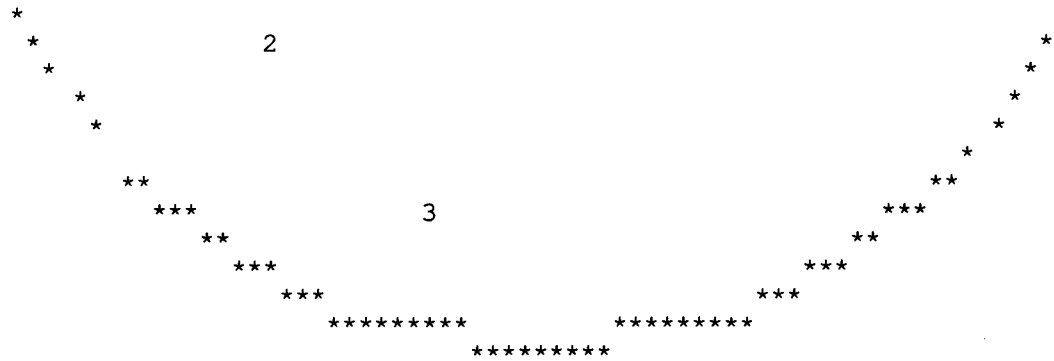
PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET

N O R T H

0

1





UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER DEPTH YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH EAST CNR SEC TWN RNG B&M
0	49 3	.0256	.00	5 2640	S 1650 W 1564 NE 2 10S 21E SL
		WATER USE(S): OTHER			PRIORITY DATE: 06/17/195
		DeKalb Agricultural Association Incorpor Box 523			Vernal
1	49 356	1.2500	.00	7 1525 - 1570	S 3200 E 850 NW 2 10S 21E SL
		WATER USE(S): MINING OTHER			PRIORITY DATE: 07/10/197
		Tosco Corporation			Los Angeles
		10100 Santa Monica Blvd.			
2	49 347	.0000	1.00	Tributary to Cottonwood Wash	
		WATER USE(S): STOCKWATERING			PRIORITY DATE: 04/07/197
		USA Bureau of Land Management (Vernal Di 170 South 500 East			Vernal
3	49 613	.0250	.00	Sand Wash Gas Well	S 2200 W 1900 NE 23 10S 21E SL
		WATER USE(S): STOCKWATERING OTHER			PRIORITY DATE: 00/00/193
		USA Bureau of Land Management			Salt Lake City
		2370 South 2300 West			
3	49 990	.0150	.00	Underground Water Well	S 2300 W 1900 NE 23 10S 21E SL

WATER USE(S): OTHER
Target Trucking Inc.

1409 South 1500 East

PRIORITY DATE: 03/30/198
Vernal

Well name:

8-00 Coastal NBU #333Operator: **Coastal**String type: **Surface**

Project ID:

43-047-33641

Location: **Uintah County****Design parameters:****Collapse**Mud weight: 8.330 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 78 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 250 ft

Cement top: Surface

BurstMax anticipated surface
pressure: -9 psi
Internal gradient: 0.468 psi/ft
Calculated BHP 108 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)Tension is based on buoyed weight.
Neutral point: 219 ft

Non-directional string.

Re subsequent strings:Next setting depth: 7,500 ft
Next mud weight: 8.330 ppg
Next setting BHP: 3,245 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 7,500 ft
Injection pressure 7,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ()
1	250	13.375	54.50	K-55	ST&C	250	250	12.49	4368
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	108	1130	10.45	108	2735	25.28	12	547	45.79 J

Prepared RJK
by: Utah Dept. of Natural ResourcesDate: August 9,2000
Salt Lake City, Utah**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 250 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.
In addition, burst strength is biaxially adjusted for tension.*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:

8-00 Coastal NBU #333Operator: **Coastal**String type: **Intermediate**

Project ID:

43-047-33641

Location: **Uintah County****Design parameters:****Collapse**

Mud weight: 8.330 ppg

Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No

Surface temperature: 75 °F

Bottom hole temperature: 163 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,500 ft

Cement top: 148 ft

Burst

Max anticipated surface pressure: 0 psi

Internal gradient: 0.433 psi/ft

Calculated BHP 2,726 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 5,521 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 8,625 ft

Next mud weight: 8.330 ppg

Next setting BHP: 3,732 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 8,625 ft

Injection pressure 8,625 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ()
1	6300	8.625	32.00	HCK-55	ST&C	6300	6300	7.875	71601
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2726	4130	1.51	2726	3930	1.44	177	497	2.81 J

Prepared RJK

by: Utah Dept. of Natural Resources

Date: August 9,2000

Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 6300 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes. In addition, burst strength is biaxially adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	8-00 Coastal NBU #333	
Operator:	Coastal	Project ID:
String type:	Production	43-047-33641
Location:	Uintah County	

Design parameters:

Collapse

Mud weight: 12.000 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 208 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 4,549 ft

Burst

Max anticipated surface pressure: 0 psi
Internal gradient: 0.623 psi/ft
Calculated BHP 5,922 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 7,771 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ()
1	9500	5.5	17.00	P-110	LT&C	9500	9500	4.767	79640
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5922	7480	1.26	5922	10640	1.80	132	445	3.37 J

Prepared RJK
by: Utah Dept. of Natural Resources

Date: August 9,2000
Salt Lake City, Utah

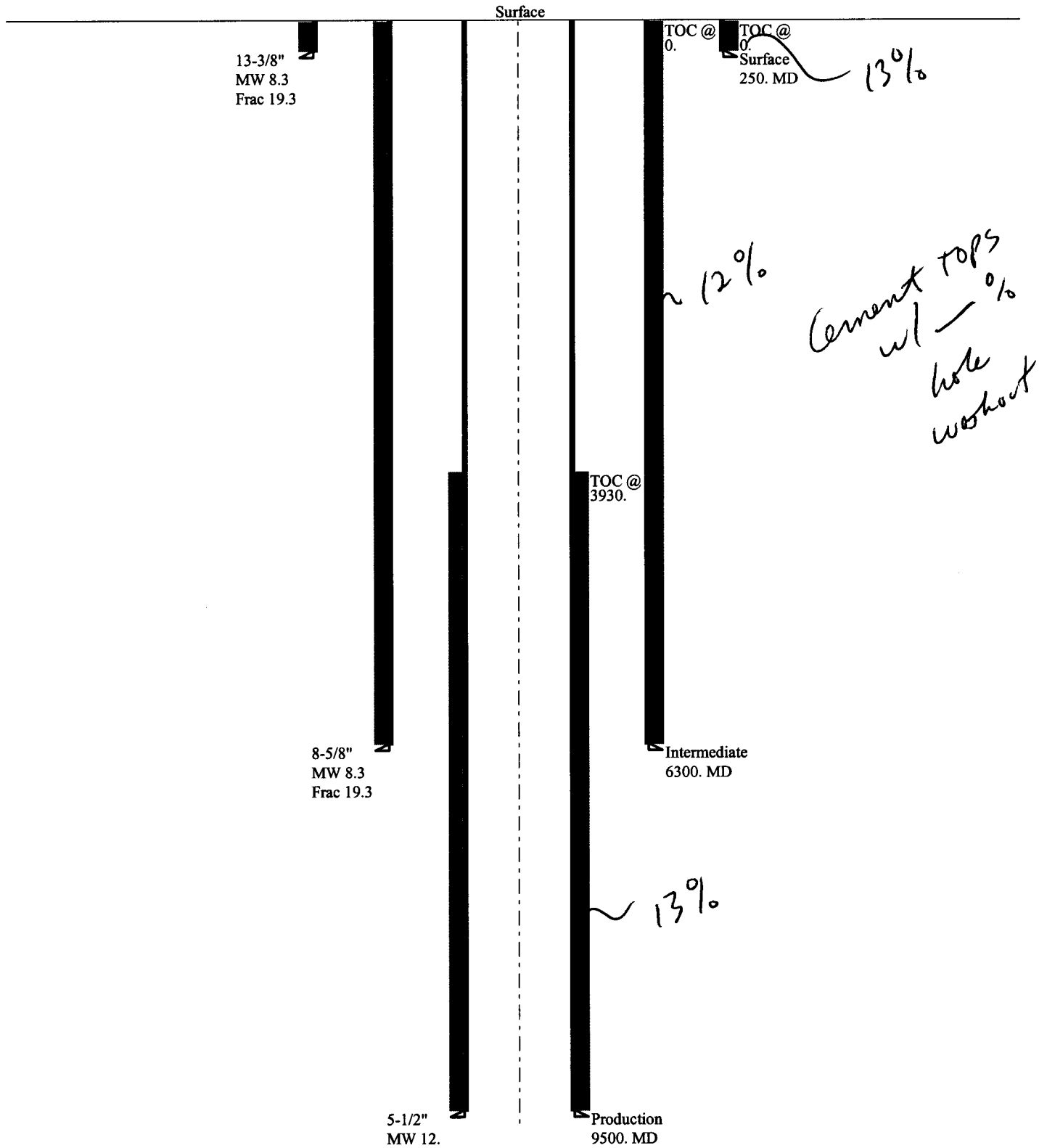
ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 9500 ft, a mud weight of 12 ppg The casing is considered to be evacuated for collapse purposes.
In addition, burst strength is biaxially adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

8-00 Coastal NBU #333

Casing Schematic





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

August 10, 2000

Coastal Oil & Gas Corporation
PO Box 1148
Vernal, UT 84078


Re: Natural Buttes Unit 333 Well, 944' FSL, 449' FWL, SW SW, Sec. 13, T. 10 South,
R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33641.

Sincerely,



John R. Baza
Associate Director

er

Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Field Office
SITLA

Operator: Coastal Oil & Gas Corporation
Well Name & Number Natural Buttes Unit 333
API Number: 43-047-33641
Lease: ML-23608

Location: SW SW **Sec.** 13 **T.** 10 South **R.** 21 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Robert Krueger at (801) 538-5274 (plugging)
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. Type of Work

DRILL ☒DEEPEN ☐

B. Type of Well

OIL ☐GAS ☒ OTHER:SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 1148, Vernal UT 84078

(435)-781-7023

4. Location of Well (Footages)

At surface: 944' FSL & 449' FWL

At proposed proding zone:

RECEIVED

JUL 14 2000

14. Distance in miles and direction from nearest town or post office:

17 miles South of Ouray, UT

15. Distance to nearest property or lease line (feet):

944'

16. Number of acres in lease:

640.00

17. Number of acres assigned to this well:

N/A

18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet):

Refer to Topo "C"

19. Proposed Depth:

10,000'

20. Rotary or cable tools:

Rotary

21. Elevations (show whether DR, RT, GR, etc.):

5358.8' GR

22. Approximate date work will start:

Upon Approval

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Attached				
Drilling Program				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. Coastal Oil & Gas Corporation agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation Bond #102103.

24.

Cheryl Cameron

Title: Sr. Environmental Analyst

Date: 7/12/00

Name & Signature

(This space for State use only)

API Number Assigned: 43 047 33641

ACCEPTED BY BLM FOR
UNIT PURPOSES ONLY

AUG 17 2000

AUG 22 2000

DIVISION OF
OIL, GAS AND MINING

(See Instructions on Reverse Side)

(1193)

OCP50633A

Well name:	8-00 Coastal NBU #333		
Operator:	Coastal		
String type:	Intermediate	Project ID:	43-047-33641
Location:	Uintah County		

Design parameters:

Collapse

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 135 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Burst:

Design factor 1.00

Cement top: Surface

Burst

Max anticipated surface pressure: 0 psi
Internal gradient: 0.494 psi/ft
Calculated BHP 2,122 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 3,693 ft

Re subsequent strings:

Next setting depth: 10,000 ft
Next mud weight: 9.500 ppg
Next setting BHP: 4,935 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 10,000 ft
Injection pressure 10,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ()
1	4300	8.625	32.00	HCK-55	ST&C	4300	4300	7.875	48870

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2122	4130	1.95	2122	3930	1.85	118	497	4.21 J

Prepared RJK
by: Utah Dept. of Natural Resources

Date: August 28,2000
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 4300 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.
In addition, burst strength is biaxially adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

8-00 Coastal NBU #333Operator: **Coastal**String type: **Production**

Project ID:

43-047-33641

Location: **Uintah County****Design parameters:****Collapse**Mud weight: 12.000 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 215 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

BurstMax anticipated surface
pressure: 0 psi
Internal gradient: 0.623 psi/ft
Calculated BHP 6,234 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 8,206 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ()
1	10000	4.5	11.60	P-110	LT&C	10000	10000	3.875	61318
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6234	7580	1.22	6234	10694	1.72	95	279	2.93 J

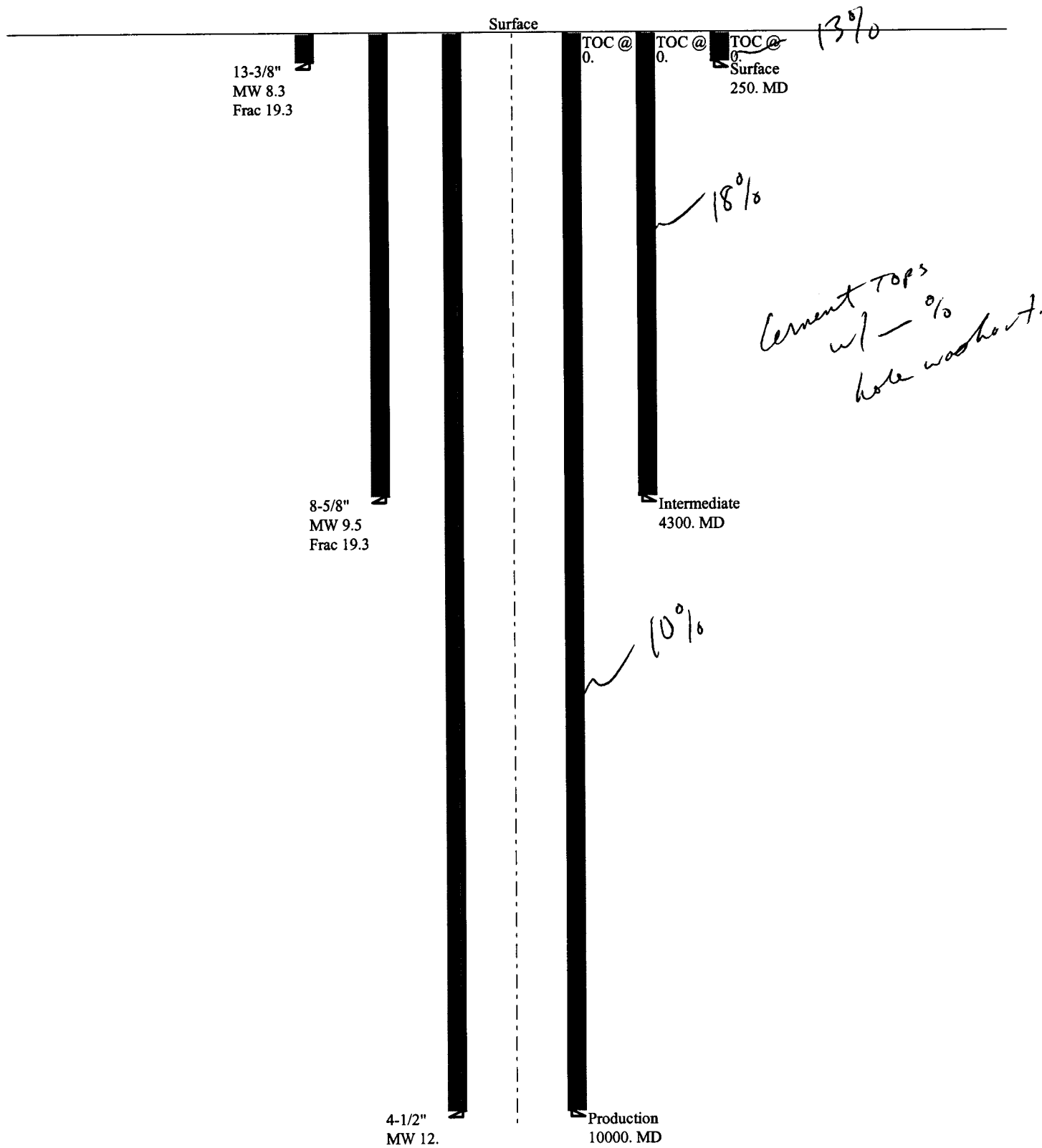
Prepared RJK
by: Utah Dept. of Natural ResourcesDate: August 29,2000
Salt Lake City, Utah**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 10000 ft, a mud weight of 12 ppg The casing is considered to be evacuated for collapse purposes.
In addition, burst strength is biaxially adjusted for tension.*Engineering responsibility for use of this design will be that of the purchaser.*

8-00 Coastal NBU #333

Casing Schematic



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 1148, Vernal UT 84078

(435)781-7023

4. Location of Well

Footages: 944'FSL & 449'FWL

QQ,Sec., T., R., M.: SW/SW Sec. 13, T10S, R21E

5. Lease Designation and Serial Number

ML-23608

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

NBU #333

9. API Well Number:

43-047-33641

10. Field and Pool, or Wildcat

Natural Buttes Field

County: Uintah

State: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Revised Csg & Cmt</u> | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation requests authorization to amend the approved Csg & Cmt program. Please refer to the attached amended program.

13. Name & Signature Katy Dow Title Environmental Jr. Analyst

Date 8/23/00

(This space for State use only)

APPROVED
The Utah Division of Oil, Gas and Mining
Robert J. Krueger, PE, Petroleum Engineer

Date: 8-29-00

COPY SENT TO OPERATOR
Date: 8-29-00
Initials: CHD

RECEIVED

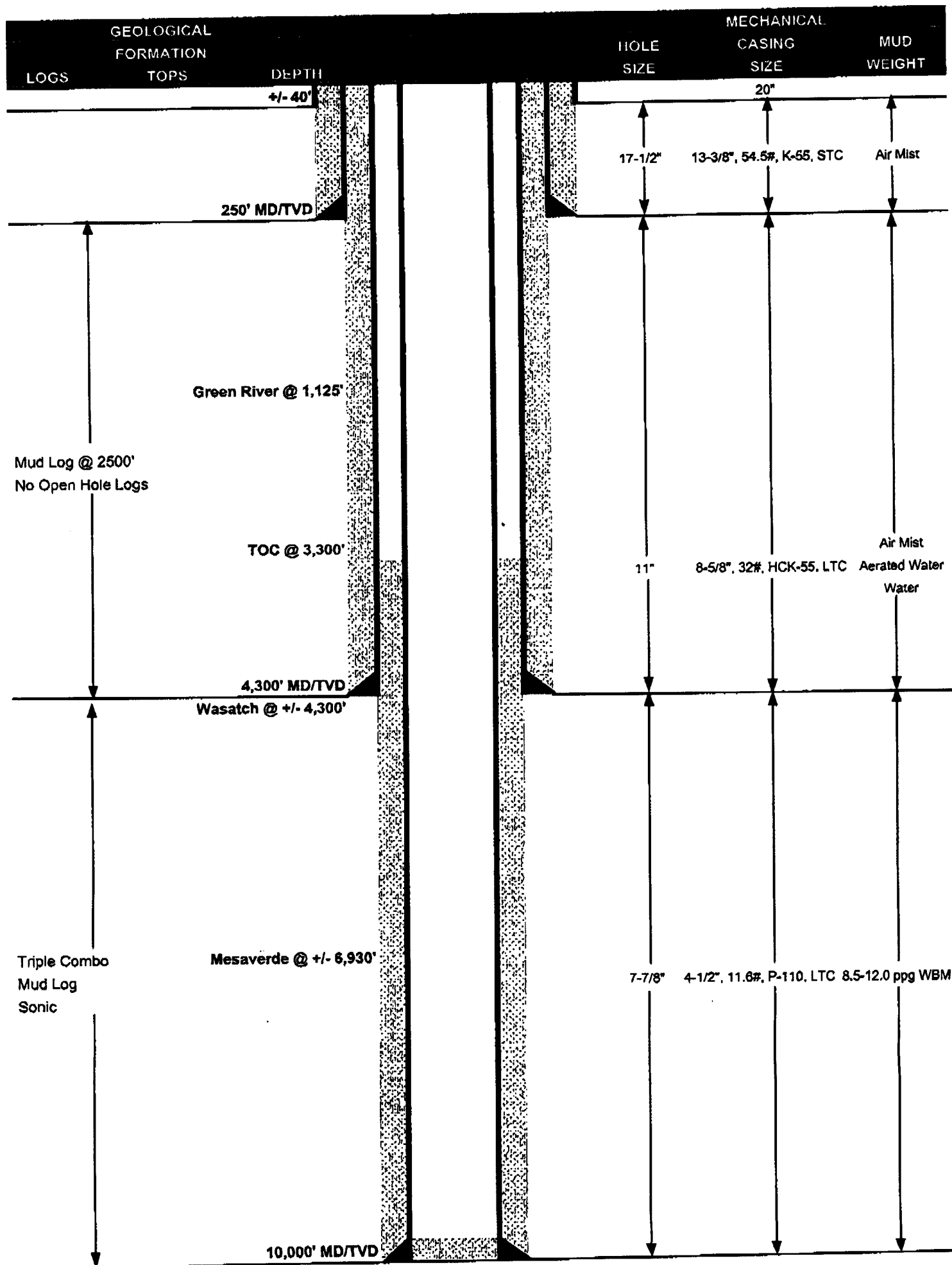
AUG 28 2000

DIVISION OF
OIL, GAS AND MINING

COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

COMPANY NAME Coastal Oil & Gas Corporation DATE 8/29/00
WELL NAME NBU #333 TD 10,000' MD/TVD
FIELD NBU COUNTY Uintah STATE Utah ELEVATION 5,325' KB
SURFACE LOCATION 944' FSL & 449' FWL, Sec 13, T10S x R21E BHL Straight Hole
OBJECTIVE ZONE(S) Wasatch, Mesaverde
ADDITIONAL INFO Set intermediate casing through Upper Wasatch



COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
SURFACE	13-3/8"	0-250'	54.5#	K-55	STC	2,730	1,130	547,000
						19.47	9.66	4.81
INTERMEDIATE	8-5/8"	0 - 4,300'	32#	HCK-55	LTC	3,930	4,130	556,000
						1.15	2.05	2.34
PRODUCTION	4-1/2"	0-TD	11.6#	P-110	LTC	10690	7560	279000
						2.10	1.21	1.29

- 1) Maximum Anticipated Surface Pressure (MASP) (Conductor and Surface Casings) = (Frac Gradient at Shoe - Gas Gradient (0.115 psi/ft))(TVD)
- 2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (Gas Gradient x TVD of Next Casing Point x 0.67) - (Mud Weight x TVD x 0.052 x 0.33)
- 3) MASP (Prod Casing) = Pore Pressure - (Gas Gradient x TVD of Production Interval)
- (Burst Assumptions: FG @ 13-3/8" shoe = 13.0 ppg, Max Pore Pressure = Max MW = 12ppg)
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing, 100,000 lbs overpull)

CEMENT PROGRAM

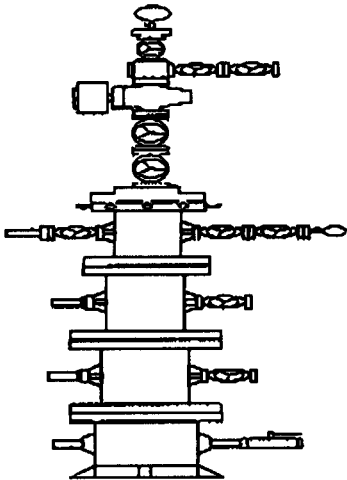
		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE		250'	Class G + 2% CaCl2 + 0.25 lb/sk Flocele	250	50%	15.60	1.19
INTERMEDIATE	LEAD	4,300'	HiFill-Mod + 0.6% EX-1 + 0.25 lb/sk Flocele + 0.2% FWCA + 10 lb/sk Gilsonite + 16% Gel	710	100%	11.60	3.12
PRODUCTION	LEAD	4,000'	HiFill-Mod + 0.6% EX-1 + 0.25 lb/sk Flocele + 0.2% FWCA + 10 lb/sk Gilsonite + 16% Gel	300	0%	11.60	3.12
	TAIL	6,000'	50/50 Poz +0.25 lb/sk Flocele + 0.6% HALAD-322 + 2% Gel + 2% MicroBond HT + 5% Salt	1640	50%	14.30	1.26

* or 15% over caliper

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 joint, float collar. Centralize first 3 joints & every other collar to surface. Thread lock FE up to and including pin end of float collar.
INTERMEDIATE	Guide shoe, 1 joint, float collar. Centralize first 3 joints & every other joint to top of tail cement. Thread lock FE up to and including pin end of float collar.
PRODUCTION	Float shoe, 1 joint, float collar. Centralize every other joint across pay zones.

WELLHEAD EQUIPMENT



TREE	2-1/16" 5M
TUBING HEAD	11" 5M X 7-1/16" 10M
CASING SPOOL	
CASING SPOOL	13-5/8" 3M X 11" 5M
CASING HEAD	13-3/8" SOW X 13-5/8" 3M

COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

BIT PROGRAM

ROCK BIT & PDC BIT PROGRAM						
INTERVAL	HOLE	BIT MFG & MODEL	GPM	SERIAL	NZLS	COMMENTS
Surface Hole	17-1/2"	Various				Pre-set
Intermediate hole	11"	STC F27		NEW	3 - 18's	
Production Hole	7-7/8"	SEC XS44	400-350	NEW	3 - 18's	MM Application

Intermediate section: If a second bit is required, use a re-run bit RTC HP-53

Production section: If a second bit is required, use either a F45H or a ATJ-44

GEOLOGICAL DATA

LOGGING:

Depth	Log Type
SC - Int	Cased Hole on TD logging run
Int - TD	Platform Express with Sonic

MUD LOGGER:

2500' - TD

SAMPLES:

As per Geology

CORING:

Possible SWC's at selective intervals.

DST:

As per Geology

MUD PROGRAM

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
0-Trona	Air Mist	NA	NA		
Trona-Intm	Aerated Water Water	NA	NC	NA	Champion Corrosion Chemicals Polymer, Lime, LCM
Intm-TD	Water/Mud	8.5-12.0	NC - <10 cc's	30-45	Champion Corrosion Chemicals Polymer, Lime, Brine, Barite

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,000 psi prior to drilling out. Test int. csg. to 1,500 psi prior to drilling out.

BOPE to Intermediate: 13-5/8" 3M with one 3M annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. BOPE to TD:

11" 5M with one 5M annular and 2 rams. Test to 5,000 psi (annular to 3,000 psi) prior to drilling out. Record on chart recorder &

tour sheet. Function test rams on each trip. Maintain safety valve & Inside BOP on rig floor at all times. Kelly to be equipped with upper

& lower kelly valves. Corrosion treatment while drilling with air - RU160 then pump O₂ scavanger and proceed with scale inhibitor only.

Run Totco survey every 1500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

PROJECT ENGINEER:

Christa Yin

DATE: _____

PROJECT MANAGER:

Tom Young

DATE: _____

FACSIMILE COVER PAGE

THIS TRANSMISSION CONSISTS OF 4 PAGES INCLUDING COVER SHEET:

TO: Bob Kruger @ FAX # _____

FROM: Cheryl Cameron @ FAX # _____

IF YOU HAVE ANY PROBLEMS RECEIVING THE ABOVE SPECIFIED PAGES, PLEASE
NOTIFY COASTAL OIL & GAS CORP. OFFICE @ 435-789-4433.

CONFIDENTIALITY NOTICE:

This message is intended only for the use of the individual or entity designated above, is confidential and may contain information that is legally privileged or exempt from disclosure under applicable laws. You are hereby notified that any dissemination, distribution, copying or use of or reliance upon the information contained in and transmitted with this facsimile transmission by anyone other than the recipient designated by the sender is not authorized and strictly prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return it to the sender by U. S. Mail or destroy it if so instructed by the sender.

THANK YOU

P. 02/02
FAX NO. 435 789 4436
JAN-12-2001 FRI 08:28 AM COASTAL OIL&GAS D.S. SEC

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation
ADDRESS P.O. Box 1148
Vernal UT 84078
(435) 781-7023

OPERATOR ACCT. NO. N 0230

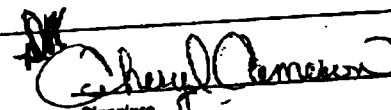
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	9999	2900	43-047-33641	Natural Buttes Unit #333	SW/SW	13	10S	21E	Uintah	11/26/00	11/26/00
WELL 1 COMMENTS: 1-12-01 Code B: SPUD @ 9:00 a.m. 11/25/00 - Bill Martin Jr. Rathole Drig.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(S/ee)


Signature
Sr. Regulatory Analyst
Title
11/30/00
Date
Phone No. 435 781-7023

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

ML-23608

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

Natural Buttes Unit

8. Well Name and No.

NBU #333

9. API Well No.

43-047-33641

10. Field and Pool, or Exploratory Area

Natural Buttes Field

11. County or Parish, State

Utah

Utah

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3a. Address

P.O. Box 1148, Vernal UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/SW Sec.13, T10S, R21E

944' FSL & 449' FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **SPUD**

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Bill Martin Jr. Rathole Drlg. SPUD @ 9:00 a.m. 11/25/00 Drill 295' of 17 1/4" hole. Run 8 Jts of 13 3/8 " 54.5 lb/Ft K-55 Csg. Surface casing set at 277' Cmt w/Haliburton pump 30 Bbl water, 20 Bbl water with 4 SX Gel Mix and pump 230 SX Cmt w/2% CaCl2 and 1/4 lb/SX Celloflakes yeild 1.18 Cu/Ft SX at 15.6 lb/Gal Displace with 36 Bbl water. No Returns, Run 1" pipe to 60' pump 160 SX w/2% CaCl2 Well stayed full. Job Complete at 2:00 p.m. 11/28/00

RECEIVED

DEC 11 2000

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Cheryl Cameron

Title

Sr. Regulatory Analyst

Date **11/30/00**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation

OPERATOR ACCT. NO. N 0230

ADDRESS P.O. Box 1148

Vernal UT 84078

(435) 781-7023

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	2900	43-047-33641	Natural Buttes Unit #333	SW/SW	13	10S	21E	Uintah	11/26/00	11/26/00
WELL 1 COMMENTS: 12-11-10 Code B: SPUD @ 9:00 a.m. 11/25/00 - Bill Martin Jr. Rathole Drlg.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

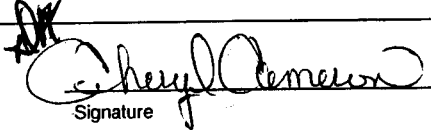
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

DEC 11 2000

**DIVISION OF
OIL, GAS AND MINING**


Signature
Sr. Regulatory Analyst 11/30/00
Title Date
Phone No. (435) 781-7023

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 1148, Vernal UT 84078

(435) 781-7023

4. Location of Well

Footages: 944' FSL & 449' FWL

County: Uintah

QQ, Sec., T., R., M.: SW/SW Sec. 13, T10S, R21E

State: UT

5. Lease Designation and Serial Number

ML-23608

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

NBU #333

9. API Well Number:

43-047-33641

10. Field and Pool, or Wildcat

Natural Buttes

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

11.

NOTICE OF INTENT (Submit in Duplicate)

SUBSEQUENT REPORT (Submit Original Form Only)

☐ Abandon

☐ New Construction

☐ Repair Casing

☐ Pull or Alter Casing

☐ Change of Plans

☐ Recomplete

☐ Convert to Injection

☐ Perforate

☐ Fracture Treat or Acidize

☐ Vent or Flare

☐ Multiple Completion

☐ Water Shut-Off

☒ Other Revised Csg & Cmt

☐ Abandon*

☐ New Construction

☐ Repair Casing

☐ Pull or Alter Casing

☐ Change of Plans

☐ Perforate

☐ Convert to Injection

☐ Vent or Flare

☐ Fracture Treat or Acidize

☐ Water Shut-Off

☐ Other _____

Date of work completion _____

Approximate date work will start _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation requests authorization to amend the approved Csg & Cmt program, changing the intermediate section to drill a 12 1/4" hole and set 9 5/8" Csg. versus an 11" hole and set 8 5/8" Csg. Please refer to the attached Drilling Program

13.

Name & Signature

Cheryl Cameron

Title

Cheryl Cameron

Sr. Regulatory Analyst

Date 12/1/00

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: Dec 13, 2000

BY: R.A. Mc

(See Instructions on Reverse Side)

(5/94)

RECEIVED

DEC 11 2000

DIVISION OF
OIL, GAS AND MINING

Well name:	8-00 Coastal NBU #333		
Operator:	Coastal		
String type:	Intermediate	Project ID:	43-047-33641
Location:	Uintah County		

Design parameters:

Collapse

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 135 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 808 ft

Burst

Max anticipated surface pressure: 0 psi
Internal gradient: 0.675 psi/ft
Calculated BHP 2,904 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)
Min. Overpull 100.0 Kips
Tension is based on air weight.
Neutral point: 3,724 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 10,000 ft
Next mud weight: 13.000 ppg
Next setting BHP: 6,753 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 4,300 ft
Injection pressure 4,300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ()
1	4300	9.625	40.00	K-55	LT&C	4300	4300	8.75	57936
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2010	2570	1.28	2904	3950	1.36	172	520	3.28 J

$$\begin{array}{r}
 + 100 \text{ K MOP} \\
 \hline
 272 \\
 \hline
 520 \\
 \hline
 272 = 1.91 \text{ J} \\
 \text{RAM}
 \end{array}$$

Prepared by: RJK
Utah Dept. of Natural Resources

Date: December 13, 2000
Salt Lake City, Utah

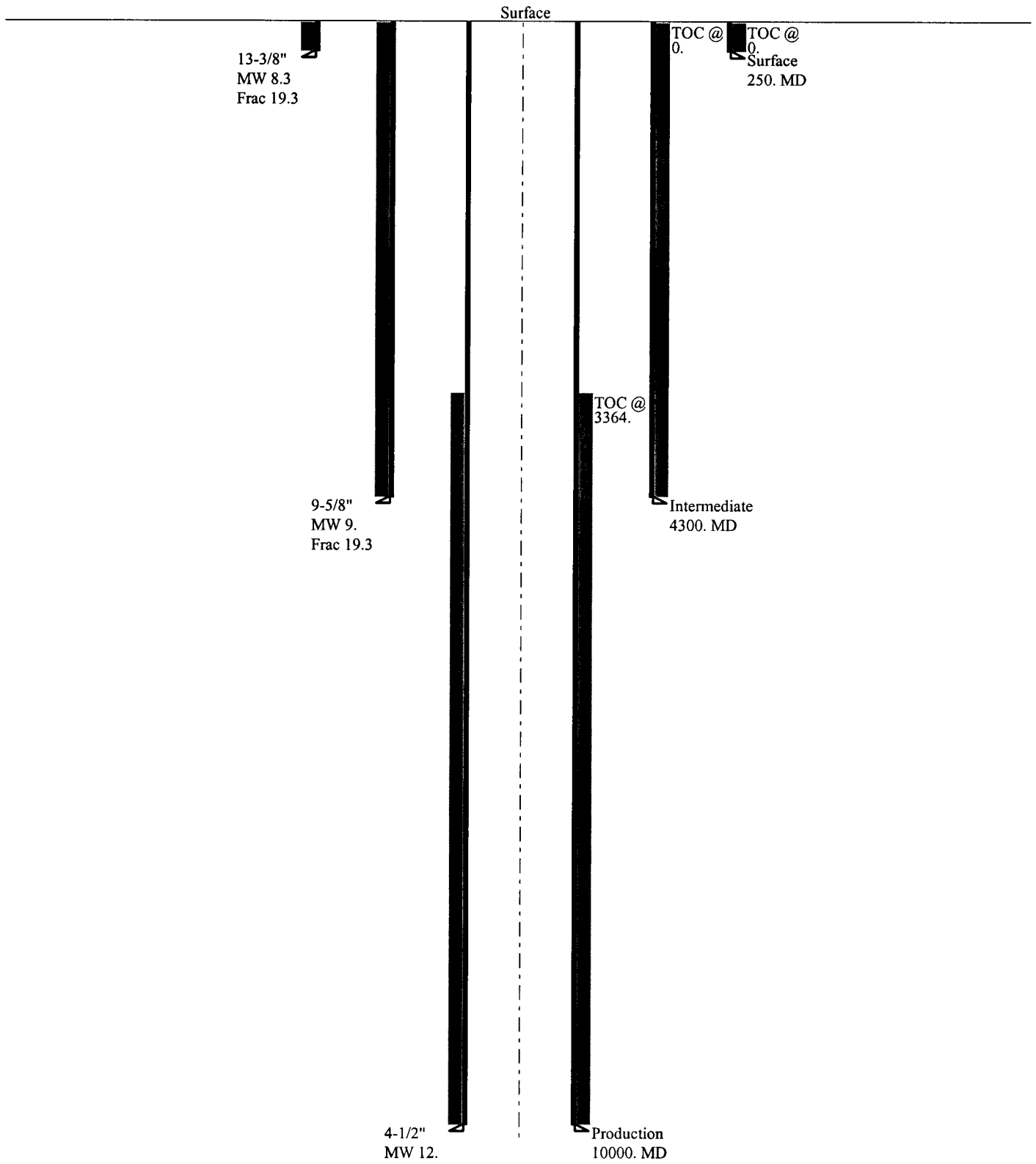
ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 4300 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes.
In addition, burst strength is biaxially adjusted for tension.

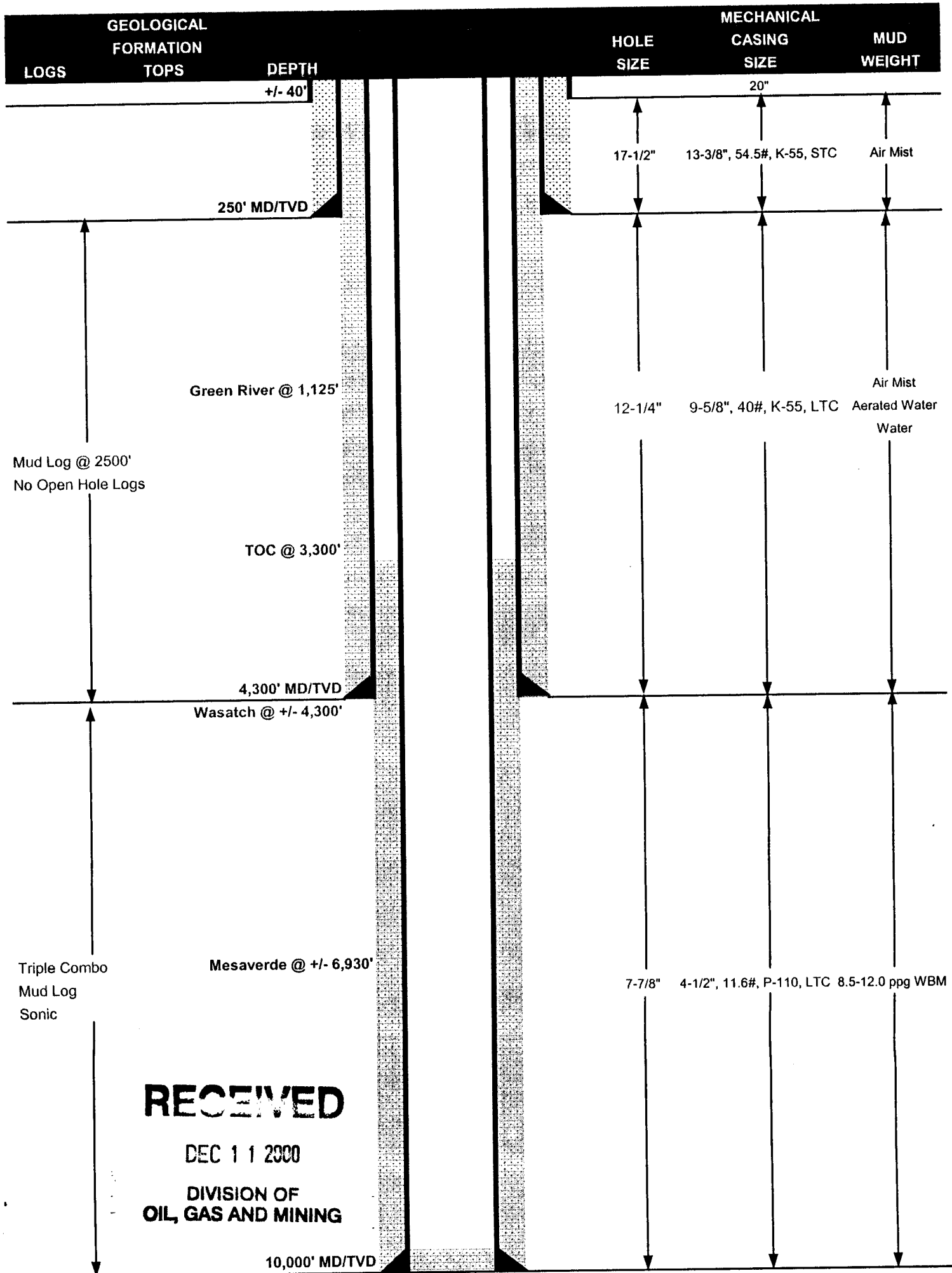
Engineering responsibility for use of this design will be that of the purchaser.

8-00 Coastal NBU #333

Casing Schematic



COMPANY NAME	Coastal Oil & Gas Corporation	DATE	12/1/00
WELL NAME	NBU #333	TD	10,000' MD/TVD
FIELD	NBU	COUNTY	Uintah
		STATE	Utah
		ELEVATION	5,325' KB
SURFACE LOCATION	944' FSL & 449' FWL, Sec 13, T10S x R21E	BHL	Straight Hole
OBJECTIVE ZONE(S)	Wasatch, Mesaverde		
ADDITIONAL INFO	Set intermediate casing through Upper Wasatch		



COASTAL OIL & GAS CORPORATION
DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
SURFACE	13-3/8"	0-250'	54.5#	K-55	STC	2,730	1,130	547,000
						19.47	9.66	4.81
						3,950	2,570	561,000
INTERMEDIATE	9-5/8"	0 - 4,300'	40#	K-55	LTC	1.37	1.28	2.06
						10690	7560	279000
PRODUCTION	4-1/2"	0-TD	11.6#	P-110	LTC	2.34	1.21	1.29

- 1) Maximum Anticipated Surface Pressure (MASP) (Conductor and Surface Casings) = (Frac Gradient at Shoe - Gas Gradient (0.115 psi/ft))(TVD)
- 2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (Gas Gradient x TVD of Next Casing Point x 0.67) - (Mud Weight x TVD x 0.052 x 0.33)
- 3) MASP (Prod Casing) = Pore Pressure - (Gas Gradient x TVD of Production Interval)
- (Burst Assumptions: FG @ 13-3/8" shoe = 13.0 ppg, Max Pore Pressure = Max MW = 12ppg)
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing, 100,000 lbs overpull)

CEMENT PROGRAM

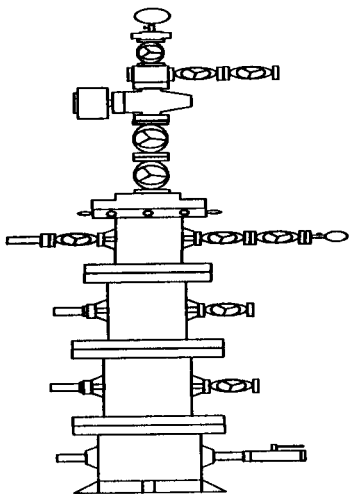
		FT. OF FILL	DESCRIPTION	SACKS	EXCESS*	WEIGHT	YIELD
SURFACE		250'	Class G + 2% CaCl2 + 0.25 lb/sk Flocele	250	50%	15.60	1.19
INTERMEDIATE	LEAD	4,300'	HiFill-Mod + 0.6% EX-1 + 0.25 lb/sk Flocele + 0.2% FWCA + 10 lb/sk Gilsonite + 16% Gel	710	100%	11.60	3.12
	LEAD	4,000'	HiFill-Mod + 0.6% EX-1 + 0.25 lb/sk Flocele + 0.2% FWCA + 10 lb/sk Gilsonite + 16% Gel	300	0%	11.60	3.12
PRODUCTION	TAIL	6,000'	50/50 Poz +0.25 lb/sk Flocele + 0.6% HALAD-322 + 2% Gel + 2% MicroBond HT + 5% Salt	1640	50%	14.30	1.26

* or 15% over caliper

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 joint, float collar. Centralize first 3 joints & every other collar to surface. Thread lock FE up to and including pin end of float collar.
INTERMEDIATE	Guide shoe, 1 joint, float collar. Centralize first 3 joints & every other joint to top of tail cement. Thread lock FE up to and including pin end of float collar.
PRODUCTION	Float shoe, 1 joint, float collar. Centralize every other joint across pay zones.

WELLHEAD EQUIPMENT



TREE	2-1/16" 5M
TUBING HEAD	11" 5M X 7-1/16" 10M
CASING SPOOL	
CASING SPOOL	13-5/8" 3M X 11" 5M
CASING HEAD	13-3/8" SOW X 13-5/8" 3M

RECEIVED
DEC 11 2000
DIVISION OF
OIL, GAS AND MINING

COASTAL OIL & GAS CORPORATION
DRILLING PROGRAM

BIT PROGRAM

ROCK BIT & PDC BIT PROGRAM						
INTERVAL	HOLE	BIT MFG & MODEL	GPM	SERIAL	NZLS	COMMENTS
Surface Hole	17-1/2"	Various				Pre-set
Intermediate hole	12-1/4"	STC F27		NEW	3 - 18's	
Production Hole	7-7/8"	SEC XS44	400-350	NEW	3 - 18's	MM Application

Intermediate section: If a second bit is required, use a re-run bit RTC HP-53

Production section: If a second bit is required, use either a F45H or a ATJ-44

GEOLOGICAL DATA

LOGGING:

Depth	Log Type
SC - Int	Cased Hole on TD logging run
Int - TD	Platform Express with Sonic

MUD LOGGER:

2500' - TD

SAMPLES:

As per Geology

CORING:

Possible SWC's at selective intervals.

DST:

As per Geology

MUD PROGRAM

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
0-Trona	Air Mist	NA	NA		
Trona-Intm	Aerated Water	NA	NC	NA	Champion Corrosion Chemicals Polymer, Lime, LCM
Intm-TD	Water/Mud	8.5-12.0	NC - <10 cc's	30-45	Champion Corrosion Chemicals Polymer, Lime, Brine, Barite

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,000 psi prior to drilling out. Test int. csg. to 1,500 psi prior to drilling out.

BOPE to intermediate: 13-5/8" 3M with one 3M annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. BOPE to TD:

11" 5M with one 5M annular and 2 rams. Test to 5,000 psi (annular to 3,000 psi) prior to drilling out. Record on chart recorder &

tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper

& lower kelly valves. Corrosion treatment while drilling with air - RU160 then pump O₂ scavanger and proceed with scale inhibitor only.

Run Totco survey every 1500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

PROJECT ENGINEER:

Christa Yin

DATE:

PROJECT MANAGER:

Darrell Molnar

DATE:

RECEIVED
DEC 11 2000
DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 1148, Vernal UT 84078

(435)791-7023

4. Location of Well

Footages: 944' FSL & 449' FWL

QQ, Sec., T., R., M.: SW/SW Sec. 13, T10S, R21E

5. Lease Designation and Serial Number

ML-23608

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

NBU #333

9. API Well Number:

43-047-33641

10. Field and Pool, or Wildcat

Natural Buttes

County: Uintah

State: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Revised Csg | |

Approximate date work will start

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation requests authorization to amend the approved Csg & Cmt program. Setting the intermediate Csg at top of Wasatch at 4412'. Please refer to the attached Drilling Program.

Verbal approval given by Mike Hebertson w/ DOGM on 12/8/00.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 12/20/00
BY: R.A.M.

COPIES TO OPERATOR
DATE: 12-22-00
INITIALS: CHS

13. Name & Signature Cheryl Cameron

Title Sr. Regulatory Analyst

Date 12/8/00

(This space for State use only)

Well name:

8-00 Coastal NBU #333Operator: **Coastal**String type: **Production**

Project ID:

43-047-33641

Location: **Uintah County****Design parameters:****Collapse**

Mud weight: 12.000 ppg

Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No

Surface temperature: 75 °F

Bottom hole temperature: 215 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,500 ft

Cement top: 3,364 ft

Burst

Max anticipated surface pressure: 0 psi

Internal gradient: 0.623 psi/ft

Calculated BHP 6,234 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 8,206 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ()
1	10000	4.5	11.60	P-110	LT&C	10000	10000	3.875	61319
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6234	7580	1.22	6234	10694	1.72	95	279	2.93 J

Prepared **RAM**
by: **Utah Dept. of Natural Resources**

Date: December 18,2000
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 10000 ft, a mud weight of 12 ppg The casing is considered to be evacuated for collapse purposes.
In addition, burst strength is biaxially adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.



Coastal
The Energy People

FAX COVER SHEET

DATE: _____
TO: Mike Hutson
FROM: Taty How @ FAX # 435-789-4436
PAGES (INCLUDING COVER): _____

If you have any problems receiving the above specified pages, please notify Coastal Oil and Gas at 435-789-4433.

(801) 359-3940

CONFIDENTIALITY NOTICE

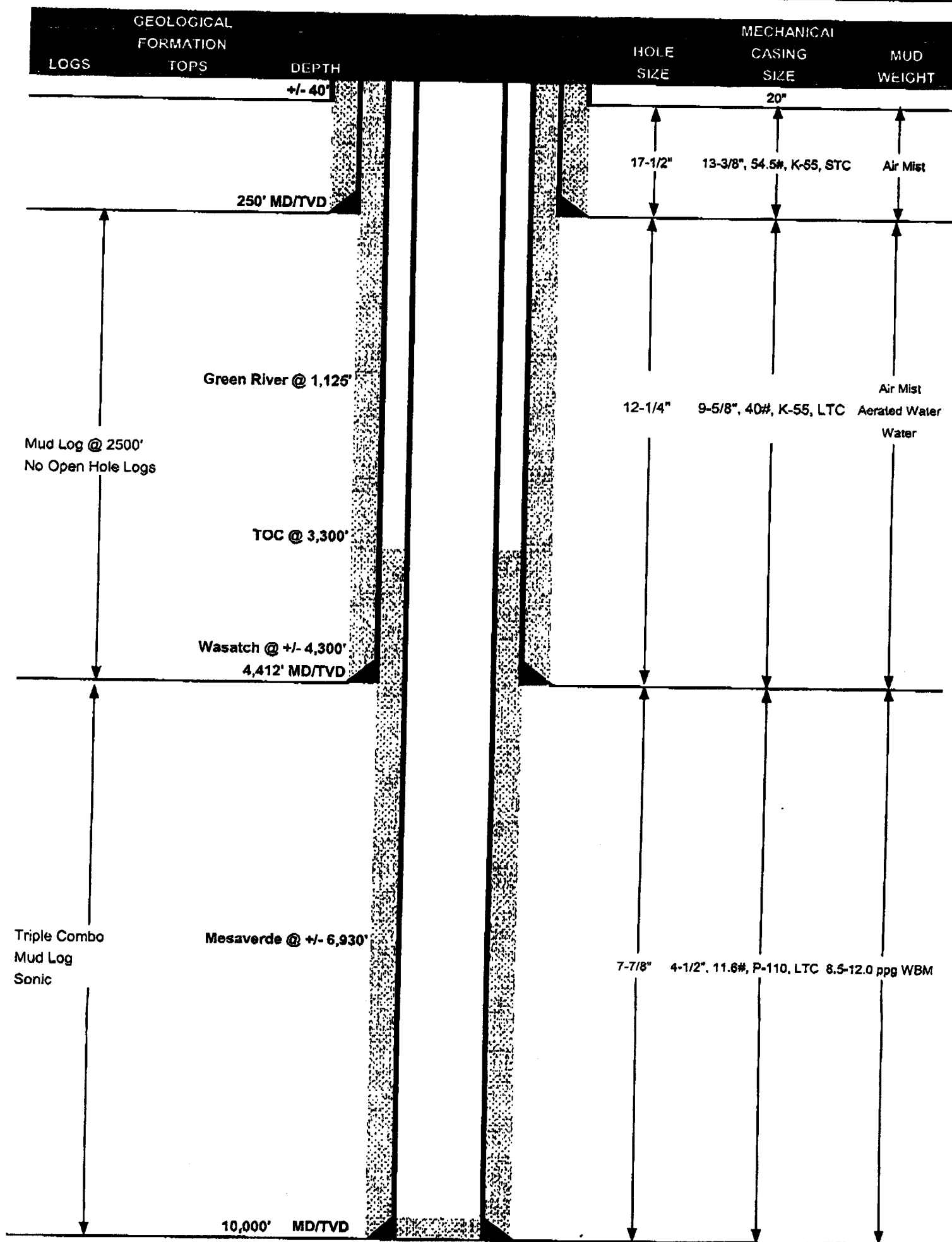
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Thank you.

COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

COMPANY NAME	Coastal Oil & Gas Corporation		DATE	12/11/00	
WELL NAME	NBU #333		TD	10,000' MD/TVD	
FIELD	NBU	COUNTY	Uintah	STATE	Utah
SURFACE LOCATION	944' FSL & 449' FWL, Sec 13, T10S x R21E				ELEVATION
OBJECTIVE ZONE(S)	Wasatch, Mesaverde				BHL
ADDITIONAL INFO	Schematic revised for 9-5/8" intermediate being set @ 4,412'				



COASTAL OIL & GAS CORPORATION
DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
SURFACE	13-3/8"	0-250'	54.5#	K-55	STC	2,730 19.47	1,130 9.66	547,000 4.81
INTERMEDIATE	9-5/8"	0 - 4,412'	40#	K-55	LTC	3,950 1.37	2,570 1.24	561,000 2.03
PRODUCTION	4-1/2"	0-TD	11.6#	P-110	LTC	10690 2.34	7560 1.21	279000 1.29

- 1) Maximum Anticipated Surface Pressure (MASP) (Conductor and Surface Casings) = (Frac Gradient at Shoe - Gas Gradient (0.115 psi/ft))(TVD)
- 2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (Gas Gradient x TVD of Next Casing Point x 0.67) - (Mud Weight x TVD x 0.052 x 0.33)
- 3) MASP (Prod Casing) = Pore Pressure - (Gas Gradient x TVD of Production Interval)
- (Burst Assumptions: FG @ 13-3/8" shoe = 13.0 ppg, Max Pore Pressure = Max MW = 12ppg)
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing, 100,000 lbs overpull)

CEMENT PROGRAM

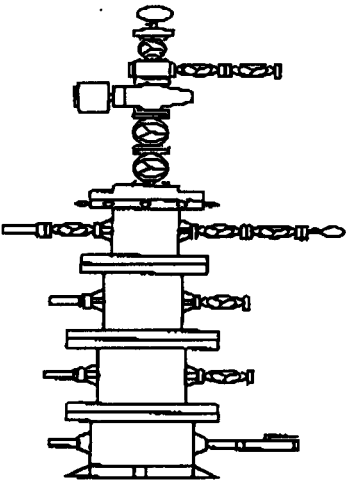
		FT. OF FILL	DESCRIPTION	SACKS	EXCESS*	WEIGHT	YIELD
SURFACE		250'	Class G + 2% CaCl2 + 0.25 lb/sk Flocele	250	50%	15.60	1.19
INTERMEDIATE	LEAD	4,412'	HiFill-Mod + 0.6% EX-1 + 0.25 lb/sk Flocele + 0.2% FWCA + 10 lb/sk Gilsonite + 16% Gel	900	100%	11.60	3.12
PRODUCTION	LEAD	4,000'	HiFill-Mod + 0.6% EX-1 + 0.25 lb/sk Flocele + 0.2% FWCA + 10 lb/sk Gilsonite + 16% Gel	310	0%	11.60	3.12
	TAIL	5,500'	50/50 Poz +0.25 lb/sk Flocele + 0.6% HALAD-322 + 2% Gel + 2% MicroBond HT + 5% Salt	1460	50%	14.30	1.26

* or 15% over caliper

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 joint, float collar. Centralize first 3 joints & every other collar to surface. Thread lock FE up to and including pin end of float collar.
INTERMEDIATE	Guide shoe, 1 joint, float collar. Centralize first 3 joints & every other joint to top of tail cement. Thread lock FE up to and including pin end of float collar.
PRODUCTION	Float shoe, 1 joint, float collar. Centralize every other joint across pay zones.

WELLHEAD EQUIPMENT



TREE	2-1/16" 5M
TUBING HEAD	11" 5M X 7-1/16" 10M
CASING SPOOL	
CASING SPOOL	13-5/8" 3M X 11" 5M
CASING HEAD	13-3/8" SOW X 13-5/8" 3M

COASTAL OIL & GAS CORPORATION
DRILLING PROGRAM**BIT PROGRAM**

ROCK BIT & PDC BIT PROGRAM						
INTERVAL	HOLE	BIT MFG & MODEL	GPM	SERIAL	NZLS	COMMENTS
Surface Hole	17-1/2"	Various				Pre-set
Intermediate hole	12-1/4"	STC F27		NEW	3 - 18's	
Production Hole	7-7/8"	SEC XS44	400-350	NEW	3 - 18's	MM Application

Intermediate section: If a second bit is required, use a re-run bit RTC HP-53

Production section: If a second bit is required, use either a F4H or a HP61A

GEOLOGICAL DATA**LOGGING:**

Depth	Log Type
SC - Int	Cased Hole on TD logging run
Int - TD	Platform Express with Sonic

MUD LOGGER:

2500' - TD

SAMPLES:

As per Geology

CORING:

Possible SWC's at selective intervals.

DST:

As per Geology

MUD PROGRAM

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
0-Trona	Air Mist	NA	NA		
Trona-Intm	Aerated Water Water	NA	NC	NA	Champion Corrosion Chemicals Polymer, Lime, LCM
Intm-TD	Water/Mud	8.5-12.0	NC - <10 cc's	30-45	Champion Corrosion Chemicals Polymer, Lime, Brine, Barite

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,000 psi prior to drilling out. Test int. csg. to 1,500 psi prior to drilling out.
BOPE to Intermediate: 13-5/8" 3M with one 3M annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. BOPE to TD:
11" 5M with one 5M annular and 2 rams. Test to 5,000 psi (annular to 3,000 psi) prior to drilling out. Record on chart recorder &
tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper
& lower kelly valves. Corrosion treatment while drilling with air - RU160 then pump O₂ scavenger and proceed with scale inhibitor only.
Run Totco survey every 1500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

PROJECT ENGINEER:

Christa Yin

DATE:**PROJECT MANAGER:**

Darrell Molnar

DATE:



December 29, 2000

Ms. Lisha Cordova
State of Utah
Division of Oil & Gas, and Mining
1594 West North temples, Suite 1210
Salt Lake City, UT 84114-5801

RE: MAILING

Dear Lisha,

Enclosed are the Sundries for the week ending December 29,2000.

If you have questions or need additional information, please do not hesitate to call me, (435)781-7021.

.

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Sincerely,


Dorene Arthur
Jr. Regulatory Analyst

su

RECEIVED

JAN 02 2001

DIVISION OF
OIL, GAS AND MINING

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
1368 S 1200 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 1148, Vernal UT 84078

(435) 781-7023

4. Location of Well

Footages: 944' FSL & 449' FWL

QQ, Sec., T., R., M.: SW/SW Sec. 13, T10S, R21E

5. Lease Designation and Serial Number

ML-23608

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

NBU #333

9. API Well Number:

43-047-33641

10. Field and Pool, or Wildcat

Natural Buttes

County: Uintah

State: Utah

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

11.

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | Drilling Summary |

Date of work completion 12/26/00

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Finished Drilling 295' to 10,000'.

RIH w/10,031' of P-110 11.6# 4 1/2" LT&C Csg.

Pump 10 Bbls H2O, 30 Bbl SD Spacer, 10 Bbl H2O, Lead Slurry 405 SKS Prem, Plug Hi-Fill Cmt w/Add @ 11.0 PPG, Yield 3.12 cu ft/SK, 17.6 Gal/SK, Tail w/2036 SKS 50/50 Poz W/Add @ 14.35 PPG, Yield 1.24 cu ft/SK 5.41 Gal/SK, Displace w/154 Bbl H2O, Bump Plug, Floats Held, Cmt to Surface, 135 Bbls in Disp, 19 Bbls to Pit
Clean Pit

Released Rig 3:30 a.m. 12/26/00

13.

Name & Signature

Cheryl Cameron

Sr. Regulatory Analyst

Date 12/27/00

(This space for State use only)

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DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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ML-23608

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N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

NBU #333

9. API Well Number:

43-047-33641

10. Field and Pool, or Wildcat

Natural Buttes

County: Uintah

State: UT

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Completion Report</u> | |

Date of work completion 1/19/01

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

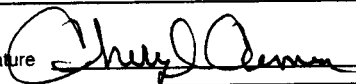
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Subject well placed on production on 1/19/01. Please refer to the attached Chronological Well History.

13.

Name & Signature



Title

Cheryl Cameron

Sr. Regulatory Analyst

Date 1/23/01

(This space for State use only)

**THE COASTAL CORPORATION
PRODUCTION REPORT**

CHRONOLOGICAL HISTORY

Page 1

NBU 333
NATURAL BUTTES UNIT
UINTAH COUNTY, UT
WI: 100%
PBTD: 9958 PERFS:0
CSG: 4.5", 11.6#, P-110 @ 10,000'
SPUD DATE:

AFE DESCR: DRLG & COMP, AFE: 44189
FORMATION:
CWC(M\$):

12/30/00 WO RIG REPAIRS.
NU BOPE. START TO RU. HOBO WELL SERVICE RIG #1. RIG BRK DN. SHUT DN FOR REPAIRS.

12/31/00 PREP TO MIRU GENERAL WELL SERVICE RIG #101.
SENT HOBO RIG TO VERNAL FOR REPAIRS. ROAD GWS RIG #101 TO LOCATION. SDFWE.

01/03/01 PREP TO PICKLE TBG.
MIRU. PU 2 3/8" TBG & RIH. TAG PBTD @ 9940'.

01/04/01 PREP TO FRAC.
PICKLE TBG W/ 3 BBLS 15% HCL. POOH. RUN CBL F/ 9930' TO 4000'. LOG ACROSS TOC @ 169'. PERF THE CASTLEGATE 'A' F/ 9528' - 9538', 4 SPF, 40 HOLES. 0 PRESS. BRK DN PERFS W/ 4252#. PUMP 30 BBLS 3% KCL @ 8 BPM. ISIP: 2701#, 5 MIN: 2435#, 10 MIN: 2344#, 15 MIN: 2290#.

01/05/00 FLOW TESTING.
FRACED CASTLEGATE 'A' (9528' - 9538') W/ 70,000# 20/40 AC FRAC BLACK IN 763 BBLS YF125LGD W/ MTP: 5946#, ATP: 3498#, MTR: 30.8 BPM, ATR: 20.1 BPM. ISIP: 3506 PSI, FG: 0.80. NET PRESS INCR: 791#. OPEN WELL ON 14/64" CHK W/ 2500# FCP. FLWD TILL 6:00 AM TODAY. FLWD @ FCP: 2500# TO 1200#, CHK: 14/64" TO 14/64", BWPH 71 TO 8. TRACE SAND TO CLEAN. ESTIMATED RATE 800 MCF.

1/06/01 FLOW TESTING.
BLOW DN. RIH W/ NC & 2 7/8" TBG. LAND TBG @ 9537'. MADE 1 SWAB TRIP & WELL STARTED TO FLOW. FLOW BACK 14 HRS. CHK: 24/64" TO 20/64". FTP: 75# TO 150#, CP: 675# TO 1240#, 22 BWPH TO 6 BWPH, LLTR: (40 BBLS OVERLOAD).

1/07/01 FLOW TESTING.
FLOW BACK 24 HRS. AVG CHK: 37/64", AVG FTP: 100#, AVG CP: 1239#, AVG GAS RATE: 68 MCFPD, AVG WTR: 6.5 BWPH, REC 197 BBLS OVER LOAD.

1/08/01 FLOW TESTING.
FLOW BACK 24 HRS. AVG CHK: 17/64", AVG FTP: 143#, AVG CP: 1148#, AVG GAS RATE: 77 MCFPD, AVG WTR: 5.3 BWPH, REC 326 BBLS OVERLOAD.

01/09/01 PREP TO SET CIBP.
PU & LD 1 JT 2 3/8" TBG. LAND TBG @ 9505'. RIH W/ SINKER BAR TO EOT @ 9505'. NO FILL. FLOW BACK WELL 14 HRS. AVG CHK: 16/64", AVG FTP: 184#, AVG CP: 1229#, AVG GAS RATE: 109 MCFPD, AVG WTR: 4.5 BWPH, LAST 24 HRS REC 99 BW. LLTR: (425 BBLS OVERLOAD).

01/10/01 PREP TO FRAC.
FTP: 150#, CP: 1200#. KILL WELL. SET CIBP @ 9490'. PERF CASTLEGATE 'A' F/ 9458' - 9468', 4 SPF, 40 HOLES. 0 PRESS. BRK DN PERFS W/ 3,000# @ 2.5 BPM - ISIP: 2800#, 5 MIN: 2300#, 10 MIN: 2000#, 15 MIN: 1800#. (SICP THIS AM: 1534#).

01/11/01 RIH W/ TBG.
BRK CASTLEGATE 'A' PERFS (9458' - 9468') @ 3332 PSI @ 6 BPM. ISIP: 2824#. FRACED CASTLEGATE 'A' (9458' - 9468') W/ 590 BBLS YF125LGD W/ 51,400# 20/40 ACFRAC BLACK. MTP: 5557#, ATP: 4046#, MTR: 35.5 BPM, ATR: 26.2 BPM. ISIP: 3722#.

FG: 0.83, NET PRESS INCR: 902#. FLWD WELL BACK OVERNIGHT. FCP: 3400# TO 100#, CHK: 14/64" TO 48/64", BWPH – 73 TO 2, ESTIMATED 122 – 365 MCFPD. REC 659 BBLS W/ 69 BBLS OVERLOAD.

- 01/12/01 FLOW TESTING.**
CP: 100#. BLEW WELL DN. KILLED W/ 20 BBLS 3% KCL. RIH W/ 2 3/8" TBG. EOT @ 9445'. IFL @ 5,000'. SWBD 64 BBLS WHILE PULLING F/ SN. REC GAS CUT FLUID. SI. 6: AM TODAY – TP: 1100#, CP: 1200#. STARTED FLWG WELL ON 24/64" CHK. 113 BBLS OVER LOAD.
- 01/13/01 PREP TO FRAC.**
CP: 1200#, TP: 1100#. BLOW DN 1 HR. MADE 10 SWAB TRIPS. IFL @ 280', FFL @ 6800'. REC 80 BLW (193 OVERLOAD).
- 01/14/01 PREP TO FRAC.**
CP: 1200#, SITP: 1100#. BLOW DN 30 MIN. RIH & SET 10K CIBP @ 9400'. PERF LWR MESA VERDE 8916' – 8924', 4 SPF, 32 HOLES. 0 PRESS. BRK DN W/ 3300# @ 2 BPM – ISIP: 2800#, 5 MIN: 2650#, 10 MIN: 2550#, 15 MIN: 2500#. SDFWE.
- 01/16/01 ACT: PREP TO FRAC.**
- 01/17/01 PREP TO DO CBP'S.**
STAGE #1 FRAC MESA VERDE PERF INTERVAL 8916' – 8924' W/ 39,700# 20/40 SD PROP NET IN LAST 10% SAND & 530 BBLS YF125LG LIQUID/GEL. MTP: 5713#, ATP: 4459#, MTR: 25.3 BPM, ATR: 22.9 BPM, ISIP: 3246#, FG: 0.80, NET PRESS INCR: 446#. RIH & SET CBP @ 8860'.

STAGE #2 PERF MESA VERDE 7913' – 7915', 4 SPF, 8 HOLES & 7894' – 7902', 4 SPF, 32 HOLES. BRK DN W/ 2650# - ISIP: 1434#, FG: 0.62. FRAC W/ 58,500# 20/40 SD W/ PROP NET IN LAST 10% SD & 651 BBLS YF125LG LIQUID/GEL. MTP: 3950#, ATP: 3512#, MTR: 29.8 BPM, ATR: 25.5 BPM, ISIP: 2820#, FG: 0.79, NET PRESS INCR: 1286#. RIH W/ CBP & PERF GUN. SET CBP @ 7850'.

STAGE #3 PERF MESA VERDE 7802' – 7812', 4 SPF, 40 HOLES. BRK DN W/ 3298# - ISIP: 2403#, FG: 0.74. FRAC W/ 40,500# 20/40 SD W/ PROP NET IN LAST 10% SD & 500 BBLS YF125LG LIQUID/GEL. MTP: 3923#, ATP: 3536#, MTR: 25.4 BPM, ATR: 21.7 BPM, ISIP: 2943#, FG: 0.81, NET PRESS INCR: 540#. RIH W/ CBP & PERF GUN. SET CBP @ 7750'.

STAGE #4 PERF MESA VERDE 7665' – 7668', 2 SPF, 8 HOLES, 7606' – 7612', 2 SPF, 12 HOLES, & 7570' – 7572', 2 SPF, 4 HOLES. BRK DN W/ 2179# - ISIP: 1616#, FG: 0.64. FRAC W/ 51,400# 20/40 SD W/ PROP NET IN LAST 10% SD & 592 BBLS YF125LG LIQUID/GEL. MTP: 5022#, ATP: 4021#, MTR: 25.3 BPM, ATR: 28.2 BPM, ISIP: 2573#, FG: 0.77, NET PRESS INCR: 957#. RIH W/ CBP & PERF GUN. SET CBP @ 7500'.

STAGE 5 PERF MESA VERDE 7444' – 7450', 4 SPF, 40 HOLES. BRK DN W/ 5224# - ISIP: 2417#, FG: 0.75. FRAC W/ 37,500# 20/40 SAND W/ PROP NET IN LAST 10% SAND & 459 BBLS YF125LG LIQUID/GEL. MTP: 4597#, ATP: 3621#, MTR: 27.4 BPM, ATR: 21.2 BPM, ISIP: 2898#, FG: 0.82, NET PRESS INCR: 481#. RIH W/ CBP & PERF GUN. SET CBP @ 7380'.

STAGE 6 PERF MESA VERDE 7290' – 7300', 4 SPF, 40 HOLES. BRK DN W/ 2289# - ISIP: 1749#, FG: 0.67. FRAC W/ 38,600# 20/40 SD W/ PROP NET IN LAST 10% SD & 513 BBLS YF125LG LIQUID/GEL. MTP: 4083#, ATP: 3403#, MTR: 25.3 BPM, ATR: 19.5 BPM, ISIP: 2911#, NET PRESS INCR: 1162#, FG: 0.83. RIH & SET CBP @ 7240#.
- 01/18/01 PREP TO FIN DO CBP'S.**
DO CBP'S @ 7240', 7380', 7500' & 7750'. CIRC HOLE CLEAN. PU TO 7147'. FLOW BACK 8 HRS ON 30/64" CHK. TLTR: 3603 BBLS, TLR: 1353 BBLS, LLTR: 2250 BBLS.
- 01/19/01 PREP TO TURN TO SALES.**
RIH. DID NOT TAG CBP'S @ 7850' OR 8860'. TAG UP @ 9008'. CO TO 9400' W/ AIR FOAM. PU TO 7140'. FLOW BACK WELL 13 HRS ON 30/64" CHK UP 2 3/8" X 4 1/2" ANNULUS. CP: 2400# TO 610#, 25 BWPH TO 18 BWPH, REC 935 BW, LLTR: 1485 BBLS.
- 01/20/01 PREP TO FLOW BACK WELL.**
PU & LAND TBG @ 8893'. MADE 3 SWAB TRIPS & WELL STARTED TO FLOW. FLOW BACK 17 HRS ON 28/64" CHK, 622 MCF, FTP: 490# TO 290#, CP: 1150# TO 975#, 25 BWPH TO 14 BWPH. PLACE ON SALES @ 3:00 PM ON 1/19/01, LLTR: 1069 BBLS, LP: 113#.
- 01/21/01 FLWG TO SALES THRU TEST UNIT.**
FLWD 24 HRS ON 32/64" CHK, FTP: 290# TO 210#, CP: 975# TO 750#, 14 BWPH – 7

BWPH, 734 MCF, LLTR: 823 BBLS, LP: 98#.

01/22/01

FLWG TO SALES THRU TEST UNIT.

FLWD 24 HRS ON 32/64" CHK. FTP: 210# TO 180#, CP: 750# TO 680#, 11 BWPH TO 7 BWPH (184 BBLS/24 HRS), LLTR: 639 BBLS, ESTAIMATED PROD RATE: 669 MCFPD. DROP FROM REPORT. IP DATE: 1/20/01 FLWG FROM MESA VERDE PERFS 7290' – 8924', 734 MCF, FTP: 210#, CP: 750#, 236 BW, 32/64" CHK, 24 HRS.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____ 1b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____										5. LEASE DESIGNATION AND SERIAL NO. ML-23608									
2. NAME OF OPERATOR Coastal Oil & Gas Corporation										6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A									
3. ADDRESS AND TELEPHONE NO. P.O. Box 1148 Vernal, UT 84078 (435) 781-7023										7. UNIT AGREEMENT NAME Natural Buttes Unit									
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements) At Surface SW/SW 944' FSL & 449' FWL At top prod. Interval reported below same At total depth same										8. FARM OR LEASE NAME Natural Buttes Unit									
14. API NO. 43-047-33641 DATE ISSUED 08/10/2000										9. WELL NO. 333									
15. DATE SPUDDED 11/25/00 16. DATE T.D. REACHED 12/26/00 17. DATE COMPL. (Ready to prod. or Plug & 01/19/01										10. FIELD AND POOL OR WILDCAT Natural Buttes									
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5358.8' GR										11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 13 - T10S - R21E									
20. TOTAL DEPTH, MD & TVD 10,000' MD TVD 9958' MD TVD										12. COUNTY Uintah 13. STATE UTAH									
21. PLUG, BACK T.D., MD & TVD 9958' MD TVD										19. ELEV. CASINGHEAD									
22. IF MULTIPLE COMPL., HOW MANY 23. INTERVALS DRILLED BY X										24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD) Mesaverde 7290'-9538'									
25. WAS DIRECTIONAL SURVEY MADE No										26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, CCL, GR 1-9-01 & 1-10-01									
27. WAS WELL CORED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) DRILL STEM TEST YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)																			
28. CASING RECORD (Report all strings set in well)																			
Casing Size				Weight, lb./ft.		Depth Set (MD)		Hole Size		Cementing Record		Amount Pulled							
1"						60'		17.25"		160 sx mix									
13 3/8" K-55				54.5#		277'		17.25"		230 sx mix									
9 5/8" K-55				40#		4412'		12.25"		995 sx mix									
4.5" P-110				11.6#		10,000'		7 7/8"		2440 sx mix									
29. LINER RECORD												30. TUBING RECORD							
Size		Top (MD)		Bottom (MD)		Sacks Cement*		Screen (MD)		Size		Depth Set (MD)		Packer Set (MD)					
										2 3/8"		8893'							
31. PERFORATION RECORD (Interval, size and number)												32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
Interval				Size				Number				EPTI Interval (M)				Amount and Kind of Material Used			
9528'-9538'				3 3/8"				40				9528'-9538'				w/70,000# 20/40 sd & 763 BBLS YF125LG			
9458'-9468'				3 3/8"				40				9458'-9468'				w/51,400# 20/40 sd & 590 BBLS YF125LG			
8916'-8924'				3 3/8"				32				8916'-8924'				w/39,700# 20/40 sd & 530 BBLS YF125LG w/10% prop-net			
7894'-7902', 7913'-7915'				3 3/8"				40				7894'-7915'				w/58,500# 20/40 sd & 651 BBLS YF125LG w/10% prop-net			
7802'-7812'				3 3/8"				40				7802'-7812'				w/40,500# 20/40 sd & 500 BBLS YF125LG w/10% prop-net			
7570'-7572', 7606'-7612', 7665'-7668'				3 3/8"				24				7570'-7668'				w/51,400# 20/40 sd & 592 BBLS YF125LG w/10% prop-net			
7444'-7450'				3 3/8"				24				7444'-7450'				w/37,500# 20/40 sd & 459 BBLS YF125LG w/10% prop-net			
7290'-7300'				3 3/8"				40				7290'-7300'				w/38,600# 20/40 sd & 513 BBLS YF125LG w/10% prop-net			
33.* PRODUCTION												34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)							
Date First Production 01/19/01				Production Method (Flowing, gas lift, pumping--size and type of pump) Flowing								Well Status (Producing or shut-in) Producing							
Date of Test 01/20/01		Hours Tested 24		Choke Size 32/64"		Prod'n. for Test Period ----->		Oil--BBLs 0		Gas--MCF 734		Water--BBL 236		Gas-Oil Ratio 1.2					
Flow. Tubing Press. 210#		Casing Pressure 750#		Calculated 24-Hour Rate ----->		Oil--BBL 0		Gas--MCF 734		Water--BBL 236		Oil Gravity-API (CORR.) 32		TEST WITNESSED BY DIVISION OF OIL, GAS AND MINING					
35. LIST OF ATTACHMENTS Sold, used for fuel																			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED <u>Cheryl Cameron</u> TITLE <u>Senior Regulatory Analyst</u> DATE <u>1/31/01</u>																			

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments. ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.				38. GEOLOGIC MARKERS		
Formation	Top	Bottom	Description, contents, etc.	Name	Meas. Depth	Top True Vert. Depth
				Green River Wasatch Mesaverde	1125' 4460' 6955'	

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DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
 Use APPLICATION FOR PERMIT – for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify) _____		6. Lease Designation and Serial Number ML-23608
		7. Indian Allottee or Tribe Name N/A
		8. Unit or Communitization Agreement Natural Buttes Unit
2. Name of Operator Coastal Oil & Gas Corporation		9. Well Name and Number Natural Buttes Unit 333
3. Address of Operator P.O. Box 1148 Vernal, UT 84078	4. Telephone Number 435) 781-7023	10. API Well Number 43-047-33641
5. Location of Well Footage : 944' FSL & 449' FWL County : Uintah QQ, Sec, T., R., M : SW/SW Section 13 - T10S - R21E State : UTAH		11. Field and Pool, or Wildcat Natural Buttes

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Recompletion <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment * <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Water Shut-Off <input checked="" type="checkbox"/> Other Back on production
Approximate Date Work Will Start _____	Date of Work Completion 03/01/01 Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Finished completing Wasatch formation

Placed well back on production 03/01/01

Please see attached chronological well history

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APR 05 2001

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct.

Name & Signature *Cheryl Cameron* Title Senior Regulatory Analyst Date 03/06/01

Cheryl Cameron

(State Use Only)

01/21/01 **FLWG TO SALES THRU TEST UNIT.**
 FLWD 24 HRS ON 3 1/2" CHK, FTP: 290# TO 210#, CP: 975# TO 7 1/2" 14 BWPH – 7 BWPH, 734 MCF,
 LLTR: 823 BBLS, LP: 98#.

01/22/01 **FLWG TO SALES THRU TEST UNIT.**
 FLWD 24 HRS ON 32/64" CHK. FTP: 210# TO 180#, CP: 750# TO 680#, 11 BWPH TO 7 BWPH (184 BBLS/24
 HRS), LLTR: 639 BBLS, ESTAIMATED PROD RATE: 669 MCFPD.

DROP FROM REPORT. IP DATE: 1/20/01 FLWG FROM MESA VERDE PERFS
7290' – 8924', 734 MCF, FTP: 210#, CP: 750#, 236 BW, 32/64" CHK, 24 HRS.

2/27/01 **PREP TO FRAC**
 PROG: MIRU. NUBOPE. POOH W/2 3/8" TBG. RIH & SET CBP @ 5690'. ~~PERF~~ **WASATCH 5622'-5632'**, 4
 SPF, 40 HOLES. BRK DN W/1950# @ 1 1/2 BPM – ISIP: 1050#, 5 MIN: 600#, 10 MIN: 500#, 15 MIN 450#.

2/28/01 **FLOW TESTING**
 PROG: BRK DN WASATCH PERFS W/2642# @ 5 BPM - ISIP: 970#, FG: 0.61. FRAC W/50,460# 20/40 SD
 W/PROP NET IN LAST 10% SD & 531 BBLS YF113ST LIQUID GEL. ISIP: 2040#, FG: .79, NET PRESS INCR
 1075#, MTP: 2862#, ATP: 2143#, MTR: 25.3 BPM, ATR: 22.5 BPM. RIH & SET CBP @ 5550'. RIH W/3 7/8"
 MILL TOOTH BIT & PUMP OFF BIT SUB. DO CBP @ 5550'. RIH & CO TO 9358'. PU & LAND TBG @
 8893'. PMP OFF BIT SUB. OPEN WELL TO FBT ON FULL OPEN CHK & FLOWBACK 4 HRS. CP: 800# TO
 650#, FTP: 120# TO 70#, 30 BWPH TO 10 BWPH. TLTR: 691 BBLS, TLR: 580 BBLS, LLTR: 111 BBLS.

3/01/01 **FLOW TST**
 PROG: FLWD BACK WELL 24 HRS ON 64/64" CHK. CP: AVG 700#, FTP: AVG 80#, 15 BWPH TO 10 BWPH,
 LIGHT SD TO TRACE, EST GAS RATE: 800 MCFPD, LLTR: (147 BBLS OVERLOAD).

3/02/01 **TURN TO SALES 12:30 PM CHK 64/64", FTP: 152#, CP: 700#, SPOT GAS READING: 480 MCFPD.**
FINAL REPORT. Producing from Mesaverde and Wasatch. IP Date 03/05/01 334 MCF, 129 BW, FTP: 100#,
 CP: 870#, LP: 90#, 64/64" CHK, 24 HRS.

01/12/01

FLOW TESTING.

CP: 100#. BLEW W/ DN. KILLED W/ 20 BBLS 3% KCL. RIH $\frac{3}{8}$ " TBG. EOT @ 9445'. IFL @ 5,000'. SWBD 64 BBLS WHILE PULLING F/ SN. REC GAS CUT FLUID. SI. 6: AM TODAY – TP: 1100#, CP: 1200#. STARTED FLWG WELL ON 24/64" CHK. 113 BBLS OVER LOAD.

01/13/01

PREP TO FRAC.

CP: 1200#, TP: 1100#. BLOW DN 1 HR. MADE 10 SWAB TRIPS. IFL @ 280', FFL @ 6800'. REC 80 BLW (193 OVERLOAD).

01/14/01

PREP TO FRAC.

CP: 1200#, SITP: 1100#. BLOW DN 30 MIN. RIH & SET 10K CIBP @ 9400'. PERF LWR MESA VERDE 8916' – 8924', 4 SPF, 32 HOLES. 0 PRESS. BRK DN W/ 3300# @ 2 BPM – ISIP: 2800#, 5 MIN: 2650#, 10 MIN: 2550#, 15 MIN: 2500#. SDFWE.

01/16/01

ACT: PREP TO FRAC.

01/17/01

PREP TO DO CBP'S.

STAGE #1 FRAC MESA VERDE PERF INTERVAL 8916' – 8924' W/ 39,700# 20/40 SD PROP NET IN LAST 10% SAND & 530 BBLS YF125LG LIQUID/GEL. MTP: 5713#, ATP: 4459#, MTR: 25.3 BPM, ATR: 22.9 BPM, ISIP: 3246#, FG: 0.80, NET PRESS INCR: 446#. RIH & SET CBP @ 8860'.

STAGE #2 PERF MESA VERDE 7913' – 7915', 4 SPF, 8 HOLES & 7894' – 7902', 4 SPF, 32 HOLES. BRK DN W/ 2650# - ISIP: 1434#, FG: 0.62. FRAC W/ 58,500# 20/40 SD W/ PROP NET IN LAST 10% SD & 651 BBLS YF125LG LIQUID/GEL. MTP: 3950#, ATP: 3512#, MTR: 29.8 BPM, ATR: 25.5 BPM, ISIP: 2820#, FG: 0.79, NET PRESS INCR: 1286#. RIH W/ CBP & PERF GUN. SET CBP @ 7850'.

STAGE #3 PERF MESA VERDE 7802' – 7812', 4 SPF, 40 HOLES. BRK DN W/ 3298# - ISIP: 2403#, FG: 0.74. FRAC W/ 40,500# 20/40 SD W/ PROP NET IN LAST 10% SD & 500 BBLS YF125LG LIQUID/GEL. MTP: 3923#, ATP: 3536#, MTR: 25.4 BPM, ATR: 21.7 BPM, ISIP: 2943#, FG: 0.81, NET PRESS INCR: 540#. RIH W/ CBP & PERF GUN. SET CBP @ 7750'.

STAGE #4 PERF MESA VERDE 7665' – 7668', 2 SPF, 8 HOLES, 7606' – 7612', 2 SPF, 12 HOLES, & 7570' – 7572', 2 SPF, 4 HOLES. BRK DN W/ 2179# - ISIP: 1616#, FG: 0.64. FRAC W/ 51,400# 20/40 SD W/ PROP NET IN LAST 10% SD & 592 BBLS YF125LG LIQUID/GEL. MTP: 5022#, ATP: 4021#, MTR: 25.3 BPM, ATR: 28.2 BPM, ISIP: 2573#, FG: 0.77, NET PRESS INCR: 957#. RIH W/ CBP & PERF GUN. SET CBP @ 7500'.

STAGE 5 PERF MESA VERDE 7444' – 7450', 4 SPF, 40 HOLES. BRK DN W/ 5224# - ISIP: 2417#, FG: 0.75. FRAC W/ 37,500# 20/40 SAND W/ PROP NET IN LAST 10% SAND & 459 BBLS YF125LG LIQUID/GEL. MTP: 4597#, ATP: 3621#, MTR: 27.4 BPM, ATR: 21.2 BPM, ISIP: 2898#, FG: 0.82, NET PRESS INCR: 481#. RIH W/ CBP & PERF GUN. SET CBP @ 7380'.

STAGE 6 PERF MESA VERDE 7290' – 7300', 4 SPF, 40 HOLES. BRK DN W/ 2289# - ISIP: 1749#, FG: 0.67. FRAC W/ 38,600# 20/40 SD W/ PROP NET IN LAST 10% SD & 513 BBLS YF125LG LIQUID/GEL. MTP: 4083#, ATP: 3403#, MTR: 25.3 BPM, ATR: 19.5 BPM, ISIP: 2911#, NET PRESS INCR: 1162#, FG: 0.83. RIH & SET CBP @ 7240#.

01/18/01

PREP TO FIN DO CBP'S.

DO CBP'S @ 7240', 7380', 7500' & 7750'. CIRC HOLE CLEAN. PU TO 7147'. FLOW BACK 8 HRS ON 30/64" CHK. TLTR: 3603 BBLS, TLR: 1353 BBLS, LLTR: 2250 BBLS.

01/19/01

PREP TO TURN TO SALES.

RIH. DID NOT TAG CBP'S @ 7850' OR 8860'. TAG UP @ 9008'. CO TO 9400' W/ AIR FOAM. PU TO 7140'. FLOW BACK WELL 13 HRS ON 30/64" CHK UP 2 $\frac{3}{8}$ " X 4 $\frac{1}{2}$ " ANNULUS. CP: 2400# TO 610#, 25 BWPH TO 18 BWPH, REC 935 BW, LLTR: 1485 BBLS.

01/20/01

PREP TO FLOW BACK WELL.

PU & LAND TBG @ 8893'. MADE 3 SWAB TRIPS & WELL STARTED TO FLOW. FLOW BACK 17 HRS ON 28/64" CHK, 622 MCF, FTP: 490# TO 290#, CP: 1150# TO 975#, 25 BWPH TO 14 BWPH. PLACE ON SALES @ 3:00 PM ON 1/19/01, LLTR: 1069 BBLS, LP: 113#.

THE COASTAL CORPORATION
PRODUCTION REPORT
CHRONOLOGICAL HISTORY

Page 1

NBU 333

NATURAL BUTTES UNIT

UINTAH COUNTY, UT

PBTD: 9958 PERFS:0

CSG: 4.5", 11.6#, P-110 @ 10,000'

AFE DESCR: DRLG & COMP, AFE: 44189

12/30/00 WO RIG REPAIRS.
NU BOPE. START TO RU. HOBOWELL SERVICE RIG #1. RIG BRK DN. SHUT DN FOR REPAIRS.

12/31/00 PREP TO MIRU GENERAL WELL SERVICE RIG #101.
SENT HOBOWELL RIG TO VERNAL FOR REPAIRS. ROAD GWS RIG #101 TO LOCATION. SDFWE.

01/03/01 PREP TO PICKLE TBG.
MIRU. PU 2 3/8" TBG & RIH. TAG PBTD @ 9940'.

01/04/01 PREP TO FRAC.
PICKLE TBG W/ 3 BBLS 15% HCL. POOH. RUN CBL F/ 9930' TO 4000'. LOG ACROSS TOC @ 169'.
PERF THE CASTLEGATE 'A' F/ 9528' - 9538', 4 SPF, 40 HOLES. 0 PRESS. BRK DN PERFS W/ 4252#.
PUMP 30 BBLS 3% KCL @ 8 BPM. ISIP: 2701#, 5 MIN: 2435#, 10 MIN: 2344#, 15 MIN: 2290#.

01/05/00 FLOW TESTING.
FRACED CASTLEGATE 'A' (9528' - 9538') W/ 70,000# 20/40 AC FRAC BLACK IN 763 BBLS YF125LGD
W/ MTP: 5946#, ATP: 3498#, MTR: 30.8 BPM, ATR: 20.1 BPM. ISIP: 3506 PSI, FG: 0.80. NET PRESS INCR:
791#. OPEN WELL ON 14/64" CHK W/ 2500# FCP. FLWD TILL 6:00 AM TODAY. FLWD @ FCP: 2500#
TO 1200#, CHK: 14/64" TO 14/64", BWPH 71 TO 8. TRACE SAND TO CLEAN. ESTIMATED RATE 800
MCF.

1/06/01 FLOW TESTING.
BLOW DN. RIH W/ NC & 2 7/8" TBG. LAND TBG @ 9537'. MADE 1 SWAB TRIP & WELL STARTED TO
FLOW. FLOW BACK 14 HRS. CHK: 24/64" TO 20/64". FTP: 75# TO 150#, CP: 675# TO 1240#, 22 BWPH
TO 6 BWPH, LLTR: (40 BBLS OVERLOAD).

1/07/01 FLOW TESTING.
FLOW BACK 24 HRS. AVG CHK: 37/64", AVG FTP: 100#, AVG CP: 1239#, AVG GAS RATE: 68 MCFPD,
AVG WTR: 6.5 BWPH, REC 197 BBLS OVER LOAD.

1/08/01 FLOW TESTING.
FLOW BACK 24 HRS. AVG CHK: 17/64", AVG FTP: 143#, AVG CP: 1148#, AVG GAS RATE: 77 MCFPD,
AVG WTR: 5.3 BWPH, REC 326 BBLS OVERLOAD.

01/09/01 PREP TO SET CIBP.
PU & LD 1 JT 2 3/8" TBG. LAND TBG @ 9505'. RIH W/ SINKER BAR TO EOT @ 9505'. NO FILL. FLOW
BACK WELL 14 HRS. AVG CHK: 16/64", AVG FTP: 184#, AVG CP: 1229#, AVG GAS RATE: 109 MCFPD,
AVG WTR: 4.5 BWPH, LAST 24 HRS REC 99 BW. LLTR: (425 BBLS OVERLOAD).

01/10/01 PREP TO FRAC.
FTP: 150#, CP: 1200#. KILL WELL. SET CIBP @ 9490'. PERF CASTLEGATE 'A' F/ 9458' - 9468', 4 SPF, 40
HOLES. 0 PRESS. BRK DN PERFS W/ 3,000# @ 2.5 BPM - ISIP: 2800#, 5 MIN: 2300#, 10 MIN: 2000#, 15
MIN: 1800#. (SICP THIS AM: 1534#).

01/11/01 RIH W/ TBG.
BRK CASTLEGATE 'A' PERFS (9458' - 9468') @ 3332 PSI @ 6 BPM. ISIP: 2824#. FRACED CASTLEGATE
'A' (9458' - 9468') W/ 590 BBLS YF125LGD W/ 51,400# 20/40 AC FRAC BLACK. MTP: 5557#, ATP: 4046#,
MTR: 35.5 BPM, ATR: 26.2 BPM. ISIP: 3722#, FG: 0.83, NET PRESS INCR: 902#. FLWD WELL BACK
OVERNIGHT. FCP: 3400# TO 100#, CHK: 14/64" TO 48/64", BWPH - 73 TO 2, ESTIMATED 122 - 365
MCFPD. REC 659 BBLS W/ 69 BBLS OVERLOAD.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 58 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL
FOOTAGES AT SURFACE: COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE [Signature] DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE [Signature] DATE 06-15-01

(This space for State use only)

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JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

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JUN 15 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

**CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION**

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST," so that, as amended, said Article shall be and read as follows:

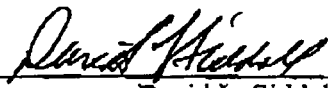
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:



Margaret E. Roark, Assistant Secretary

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STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

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JUL 12 2001

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:
3106
UTSL-065841
(UT-924)

JUL 10 2001

NOTICE

El Paso Production Oil & Gas Company : Oil and Gas
Nine Greenway Plaza :
Houston TX 77046-0095 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta
Acting Chief, Branch of
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
~~State of Utah, DOGIM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH	<input checked="" type="checkbox"/>	4-KAS
2. CDW	<input checked="" type="checkbox"/>	5-LP <input checked="" type="checkbox"/>
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X **Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.**Unit: NATURAL BUTTES****WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU CIGE 79D-1-10-21	43-047-30896	2900	01-10S-21E	STATE	GW	P
CIGE 107D-1-10-21	43-047-31747	2900	01-10S-21E	STATE	GW	P
CIGE 205-1-10-21	43-047-32795	2900	01-10S-21E	STATE	GW	P
CIGE 244-1-10-21	43-047-33209	2900	01-10S-21E	STATE	GW	P
CIGE 245-1-10-21	43-047-33210	2900	01-10S-21E	STATE	GW	P
UTE TRAIL U 88X-2G	43-047-15389	2900	02-10S-21E	STATE	GW	P
NBU CIGE 18-2-10-21	43-047-30471	2900	02-10S-21E	STATE	GW	P
NBU CIGE 80D-2-10-21	43-047-30853	2900	02-10S-21E	STATE	GW	P
CIGE 100D-2-10-21	43-047-31731	2900	02-10S-21E	STATE	GW	P
NBU 265	43-047-32796	2900	02-10S-21E	STATE	GW	P
CIGE 224-2-10-21	43-047-32883	2900	02-10S-21E	STATE	GW	P
CIGE 246-2-10-21	43-047-33687	99999	02-10S-21E	STATE	GW	APD
CIGE 81D-4-10-21	43-047-30854	2900	04-10S-21E	STATE	GW	S
CIGE 136-4-10-21	43-047-31979	2900	04-10S-21E	STATE	GW	S
NBU 28	43-047-30305	2900	13-10S-21E	STATE	GW	S
NBU 270	43-047-32862	2900	13-10S-21E	STATE	GW	P
NBU 333	43-047-33641	2900	13-10S-21E	STATE	GW	P
NBU CIGE 58-16-10-21	43-047-30532	2900	16-10S-21E	STATE	GW	S
NBU 62	43-047-30909	2900	16-10S-21E	STATE	GW	S
CIGE 140-16-10-21	43-047-31977	2900	16-10S-21E	STATE	GW	P

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 07/19/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/19/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 400JU0705

FEDERAL BOND VERIFICATION:

1. Federal well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

1. All attachments to this form have been **MICROFILMED** on: _____

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No. ML-23608
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES
8. Well Name and No. NBU 333
9. API Well No. 43-047-33641
10. Field and Pool, or Exploratory NATURAL BUTTES
11. County or Parish, and State UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator EL PASO PRODUCTION	Contact: CHERYL CAMERON E-Mail: Cheryl.Cameron@CoastalCorp.com
3a. Address P.O. BOX 1148 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.7023 Fx: 435.789.4436
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 13 T10S R21E Mer SWSW 449FSL 449FWL	

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

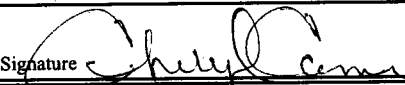
Any produced water from the subject well will be contained in a water tank and will be hauled by truck to one of the pre-approved disposal sites: RNI, Sec.5, T9S, R22E, NBU #159, Sec.35, T9S, R21E, Ace Oil, Sec.2, T6S, R20E, MC&MC, Sec.12, T6S, R19E.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED

SEP 04 2001

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct. Electronic Submission #6743 verified by the BLM Well Information System For EL PASO PRODUCTION, sent to the Vernal	
Name (Printed/Typed) CHERYL CAMERON	Title OPERATIONS
Signature 	Date 08/29/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203
BLM Nationwide Bond 158626364
Surety - Continental Casualty Company
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,
Westport Oil and Gas Company, L.P.

Debby J. Black
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas
410 Seventeenth Street, #2300 :
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

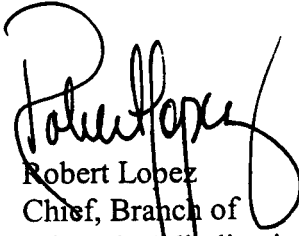
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405
UTU-20895
UTU-25566
UTU-43156
UTU-49518
UTU-49519
UTU-49522
UTU-49523



Robert Lopez
Chief, Branch of
Minerals Adjudication

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

UNITED STATES GOVERNMENT

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

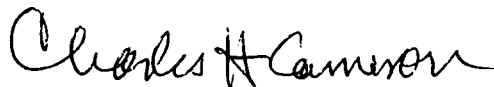
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES
Ute Energy & Mineral Resources Department: Executive Director
chronos





IN REPLY REFER TO:
Real Estate Services

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

A handwritten signature in black ink, appearing to read "Perry E. Brown".

ACTING

Director, Office of Trust Responsibilities

Enclosure



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.
Attn: Gary D. Williamson
1670 Broadway, Suite 2800
Denver, Colorado 80202

Re: Natural Buttes Unit
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File - Natural Buttes Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron
UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS <small>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.</small>		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: Exhibit "A"	9. API NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		10. FIELD AND POOL, OR WILDCAT:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza Houston TX 77064-0995		PHONE NUMBER: (832) 676-5933
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

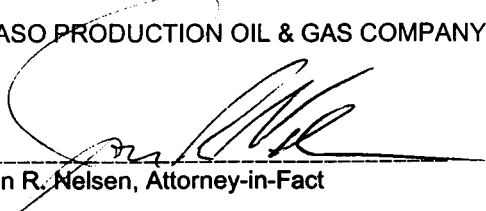
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # _____

State Surety Bond No. RLB0005236
Fee Bond No. RLB0005238

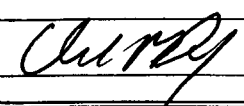
EL PASO PRODUCTION OIL & GAS COMPANY

By: 
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.	
NAME (PLEASE PRINT) David R. Dix	TITLE Agent and Attorney-in-Fact
SIGNATURE 	DATE 12/17/02

(This space for State use only)

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SUCCESSOR OF
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW ✓
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

FROM: (Old Operator):	TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

NATURAL BUTTES

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 425	11-10S-21E	43-047-34410	2900	FEDERAL	GW	P
NBU 426	11-10S-21E	43-047-34411	2900	FEDERAL	GW	P
NBU 427	11-10S-21E	43-047-34418	2900	FEDERAL	GW	P
NBU 269	12-10S-21E	43-047-33473	2900	FEDERAL	GW	P
NBU 215	12-10S-21E	43-047-32471	2900	FEDERAL	GW	P
CIGE 41-12-10-21	12-10S-21E	43-047-30373	2900	FEDERAL	GW	PA
NBU CIGE 84D-12-10-21P	12-10S-21E	43-047-30957	2900	FEDERAL	GW	PA
NBU 28	13-10S-21E	43-047-30305	2900	STATE	GW	PA
NBU 270	13-10S-21E	43-047-32862	2900	STATE	GW	P
NBU 333	13-10S-21E	43-047-33641	2900	STATE	GW	S
NBU 139	14-10S-21E	43-047-31948	2900	FEDERAL	GW	P
NBU CIGE 47-14-10-21	14-10S-21E	43-047-30510	2900	FEDERAL	GW	P
NBU CIGE 95D-14-10-21J	14-10S-21E	43-047-31166	2900	FEDERAL	GW	P
NBU 146	14-10S-21E	43-047-31985	2900	FEDERAL	GW	P
NBU 163	14-10S-21E	43-047-32069	2900	FEDERAL	GW	P
CIGE 160-14-10-21	14-10S-21E	43-047-32124	2900	FEDERAL	GW	P
CIGE 278	14-10S-21E	43-047-34445	99999	FEDERAL	GW	APD
CIGE 279	14-10S-21E	43-047-34479	2900	FEDERAL	GW	P
NBU 399	14-10S-21E	43-047-34409	99999	FEDERAL	GW	APD
NBU 434	14-10S-21E	43-047-34481	99999	FEDERAL	GW	APD

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 03/19/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/19/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB 0005236

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB 0005239

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple Wells - see attached

5. Lease Serial No.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

J.T. Conley

COPY SENT TO OPERATOR

Date: 9-16-03

Initials: CHD

Title

Operations Manager

9-2-2003

SEP 10 2003

DIV OF OIL, GAS & MIN.

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Federal Approval of This Action is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date: 9/16/03

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Westport Oil & Gas, L.P.

Project Economics Worksheet

Instructions:

Fill in blue boxed areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☐ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULLING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350

Increased OPX Per Year

Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/840	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

Production & OPX Detail:

	Before		After		Difference
Oil Production	0.192	BOPD	0.194	BOPD	0.002
Gas Production	0	MCFPD	0	MCFPD	0
Wtr Production	0	BWPD	0	BWPD	0
Horse Power		HP		HP	0
Fuel Gas Burned		MCFPD		MCFPD	0

Project Life:

Life = 20.0 Years
(Life no longer than 20 years)

Internal Rate of Return:

After Tax IROR = #DIV/0!

AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

Payout Calculation:

Payout = $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$ = 1

Payout occurs when total AT cashflow equals investment
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

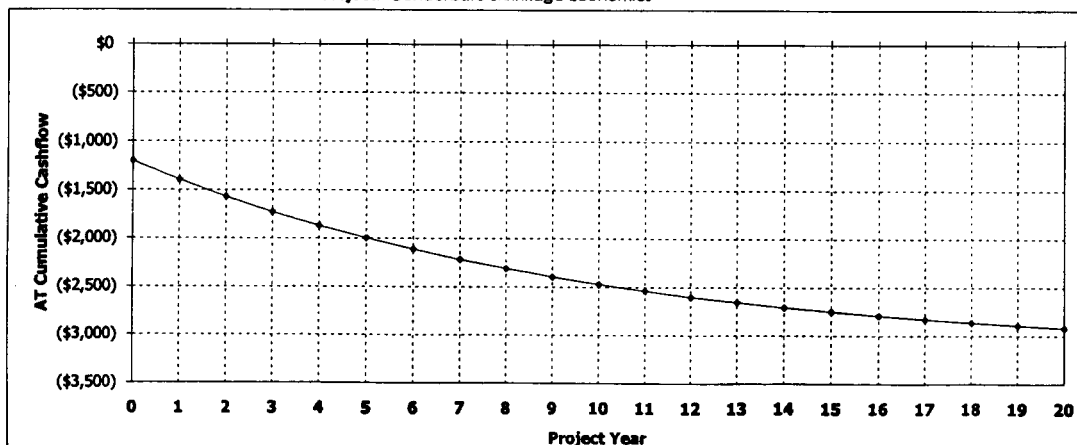
Gross Reserves:

Oil Reserves = 6 BO
Gas Reserves = 0 MCF
Gas Equiv Reserves = 38 MCFE

Notes/Assumptions:

An average NBW well produces 0.192 Bopd with no tank pressure. The production is increased to 0.194 Bopd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	*F				

Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
NBU 332	10-10-21 NWSW	UTU01416A	891008900A	430473364000S1
NBU 333	13-10-21 SWSW	ML23608	891008900A	430473364100S1 ✓
NBU 335	4-10-22 SENE	UTU01191	891008900A	430473372400S1
NBU 336	4-10-22 NWNE	U-01191	891008900A	430473402700S1
NBU 337	4-10-22 SENW	U-01191-A	891008900A	430473402000S1
NBU 338	5-10-22 NESE	UTU01191	891008900A	430473405800S1
NBU 339	5-10-22 NWSE	UTU01191	891008900A	430473440600S1
NBU 340	6-10-22 SWNE	UTU01195	891008900A	430473372500S1
NBU 340X	6-10-22 SWNE	UTU01195	891008900A	430473401500S1
NBU 341	6-10-22 SWNW	UTU464	891008900A	430473372600S1
NBU 342	7-10-22 NWSE	UTU468	891008900A	430473372700S1
NBU 343	8-10-22 NWNE	UTU01196C	891008900A	430473371900S1
NBU 344	8-10-22 SWNE	UTU01196C	891008900A	430473402100S1
NBU 345	10-10-22 SWNE	UTU02587	891008900A	430473370400S1 ✓
NBU 345-4E	4-10-21 SWSW	UTU01393B	891008900A	430473470000S1 ✓
NBU 347	11-10-22 NWSW	UTU01197A	891008900A	430473370900S1 ✓
NBU 348	11-10-22 SWSW	UTU01197A-ST	891008900A	430473400100S1
NBU 349	11-10-22 SWSE	UTU01197A-ST	891008900A	430473400200S1 ✓
NBU 350	14-10-22 NWNE	UTU01197A	891008900A	430473364200S1 ✓
NBU 351	30-10-22 SESE	UTU0132568A	891008900A	430473366800S1
NBU 352	9-9-21 SWNW	UTU0149767	891008900A	430473392200S1
NBU 353	27-9-21 SENW	U01194A	891008900A	430473320500S1 ✓
NBU 354	31-9-22 NENW	UTU464	891008900A	430473323100S1
NBU 356	30-9-22 NENW	U463	891008900A	430473323200S1
NBU 357	15-10-21 SWSW	UTU01791A	891008900A	430473372800S1
NBU 358	16-10-21 SESW	ML10755	891008900A	430473370800S1
NBU 359	29-10-21 NWNE	ML21330	891008900A	430473370600S1
NBU 360	29-10-22 SESW	UTU0145824	891008900A	430473377300S1
NBU 361	32-10-22 NWNW	ML22798	891008900A	430473370500S1 ✓
NBU 362	28-9-21 SESW	UTU0576	891008900A	430473377400S1
NBU 363	28-9-21 SESE	UTU0576	891008900A	430473377500S1
NBU 364	29-9-21 SESE	UTU0581	891008900A	430473377600S1
NBU 365	3-10-21 SESE	UTU0149078	891008900A	430473377700S1
NBU 366	10-10-21 NWNW	UTU0149079	891008900A	430473372900S1
NBU 367	11-10-22 NESW	UTU01197A-ST	891008900A	430473370700S1 ✓
NBU 370	17-9-21 NWSW	UTU0575	891008900A	430473467200S1 ✓
NBU 371	8-9-21 SWSE	UTU0575B	891008900A	430473467300S1 ✓
NBU 375	12-9-21 SWNE	UTU0141317	891008900A	430473444000S1 ✓
NBU 376	12-9-21 NENE	UTU0141317	891008900A	430473444100S1 ✓
NBU 377	31-9-21 NENW	UTU0582	891008900A	430473436300S1
NBU 378	31-9-21 NWNE	UTU0582	891008900A	430473436400S1
NBU 381	23-10-22 SESW	UTU01198B	891008900A	430473423400S1
NBU 382	22-10-22 SENW	U-01198-B	891008900A	430473423500S1
NBU 383	21-10-22 SESW	U-489	891008900A	430473423600S1
NBU 384	30-10-22 SENW	UTU0132568A	891008900A	430473423700S1 ✓
NBU 385	18-10-22 SENW	ML22973	891008900A	430473422800S1
NBU 386	17-10-22 NESE	UTU470	891008900A	430473423800S1
NBU 387	23-10-21 SWSE	U-02277-A	891008900A	430473423900S1
NBU 388	22-10-21 SENW	U-02278-A	891008900A	430473424000S1
NBU 389	28-10-21 NENE	ML21329	891008900A	430473422900S1
NBU 390	30-10-21 SESE	ML22793	891008900A	430473423000S1
NBU 391	17-9-21 NWNW	UTU0575	891008900A	430473487400S1
NBU 393	22-9-20 SWNW	U0577B	891008900A	43047348640S1
NBU 394	11-10-22 SWSE	UTU01197A-ST	891008900A	430473480400S1 ✓
NBU 395	27-9-21 SWSW	UTU01194A-ST	891008900A	430473437400S1 ✓
NBU 396	33-9-21 NENW	UTU0576	891008900A	430473448000S1 ✓
NBU 397	26-10-20 NESW	UTU4476	891008900A	430473436500S1
NBU 398	18-10-21 NENW	UTU02270A	891008900A	430473436600S1
NBU 399	14-10-21 NWNW	UTU465	891008900A	430473440900S1
NBU 400	16-10-21 NENW	ML10755	891008900A	430473479400S1
NBU 401	23-10-21 NENE	UTU02278A	891008900A	430473480100S1
NBU 404	32-9-22 SWSE	ML22649	891008900A	430473437500S1 ✓
NBU 405	27-9-21 NENE	UTU01194A-ST	891008900A	430473440700S1 ✓
NBU 407	32-10-22 NENW	ML22798	891008900A	430473431800S1 ✓
NBU 408	31-10-22 NENE	UTU0143551	891008900A	430473459000S1 ✓
NBU 409	32-9-21 NWSW	ML48758	891008900A	430473442100S1 ✓
NBU 410	32-9-21 SWSW	ML48758	891008900A	430473487200S1
NBU 411	32-9-21 SESE	ML48758	891008900A	430473442200S1 ✓
NBU 412	32-10-22 SENW	ML22798	891008900A	430473431900S1 ✓
NBU 413	32-10-22 SWNW	ML22798	891008900A	430473432000S1 ✓
NBU 414	31-10-22 SENE	UTU0143551	891008900A	430473438700S1
NBU 414-20E	20-9-21 NWNE	U0143551/U0575	891008900A	430473477900S1
NBU 415-20E	20-9-21 SWNE	UTU0575	891008900A	430473448900S1 ✓
NBU 416	36-9-20 SESE	ML48757	891008900A	430473442300S1 ✓
NBU 418	12-9-21 NWNW	UTU0141317	891008900A	430473477700S1

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):

N2115-Westport Oil & Gas Co., LP
 1368 South 1200 East
 Vernal, UT 84078

Phone: 1-(435) 781-7024

TO: (New Operator):

N2995-Kerr-McGee Oil & Gas Onshore, LP
 1368 South 1200 East
 Vernal, UT 84078

Phone: 1-(435) 781-7024

WELL NAME	CA No.	Unit:	NATURAL BUTTES UNIT	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
-----------	--------	-------	---------------------	-----	-----	-----	--------	-----------	------------	-----------	-------------

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203
BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Signature

Title

DRILLING MANAGER

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-23608
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 449'FSL, 449'FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 13 10S 21E		8. WELL NAME and NUMBER: NBU 333
		9. API NUMBER: 4304733641
		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE OPERATOR REQUESTS AUTHORIZATION TO PLACE THE SUBJECT WELL LOCATION ON TEMPORARILY ABANDONMENT STATUS. THE SUBJECT WELL LOCATION IS CURRENTLY BEING EVALUATED FOR PLUG AND ABANDONMEN STATUS.

COPY SENT TO OPERATOR

Date: 5.19.2008

Initials: KS

RECEIVED
MAY 02 2008
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE <i>Sheila Upchego</i>	DATE 4/24/2008

(This space for State use only)

REQUEST DENIED
Utah Division of
Oil, Gas and Mining

Date: 5/12/08
By: [Signature]

(See Instructions on Reverse Side)

* See 2649-3-36



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

October 1, 2008

CERTIFIED MAIL NO. 7004 2510 0004 1824 6466

Ms. Sheila Upchego
Kerr McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078

43 041 33641
NB4 333
105 21E 13

Re: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases

Dear Ms. Upchego,

As of July 2008, Kerr McGee Oil & Gas has twenty-eight (28) State and Mineral Lease Wells (see attachment A) that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months require filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon showing of good cause by the operator (R649-3-36-1.3.3).

For extended SI/TA consideration the operator shall provide the Division with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).



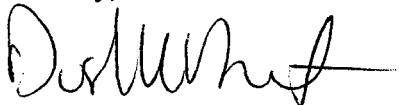
Page 2
October 1, 2008
Ms. Upchego

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

js
Enclosure

cc: Jim Davis, SITLA
Operator Compliance File
Well File

ATTACHMENT A

	Well Name	API	Lease Type	Location	Years Inactive
1	CIGE 5	43-047-30335	STATE	NWSE Sec 31-09S-22E	1 Year 4 Months
2	CIGE 54D	43-047-30851	ML-22582	NENE Sec 35-09S-21E	2 Years 4 Months
3	CIGE 80D	43-047-30853	ML-22652	NWNW Sec 02-10S-21E	1 Year
4	CIGE 51D	43-047-30889	STATE	NENE Sec 31-09S-22E	1 Year 3 Months
5	NBU 54N	43-047-30890	ML-22649	NESW Sec 32-09S-22E	1 Year 3 Months
6	CIGE 92D	43-047-31162	STATE	SENE Sec 13-10S-20E	1 Year
7	NBU 213-36J	43-047-31268	ML-22650	NENE Sec 36-09S-22E	1 Year 1 Month
8	ARCHY BENCH STATE 1-2	43-047-31489	ML-22348-A	NENE Sec 02-11S-22E	1 Year 10 Months
9	CIGE 97D	43-047-31729	STATE	SESE Sec 31-09S-22E	1 Year 7 Months
10	NBU 157	43-047-32007	ML-22649	SESW Sec 32-09S-22E	1 Year 3 Months
11	NBU 343-36E	43-047-32205	ML-22650	SENE Sec 36-09S-22E	1 Year 7 Months
12	NBU 265	43-047-32796	ML-13826	NESE Sec 02-10S-21E	1 Year 2 Months
13	MORGAN STATE 12-36	43-047-32814	ML-22265	NESE Sec 36-09S-21E	1 Year
14	WONSITS STATE 1-32	43-047-32820	ML-47780	SWNE Sec 32-07S-22E	4 Years
15	NBU 333	43-047-33641	ML-23608	SWSW Sec 13-10S-21E	1 Year 6 Months
16	NBU 389	43-047-34229	ML-21329	NENE Sec 28-10S-21E	1 year 4 Months
17	STATE 921-32P	43-047-34422	ML-48758	SESE Sec 32-09S-21E	1 Year 5 Months
18	STATE 920-36P	43-047-34423	ML-48757	SESE Sec 36-09S-20E	2 years 9 Months
19	NBU 440	43-047-34785	STATE	SWNW Sec 34-09S-21E	1 Year 4 Months
20	NBU 442	43-047-34788	STATE	NWSW Sec 35-09S-21E	2 Years 8 Months
21	CIGE 284	43-047-34792	ML-23612	SWNW Sec 01-10S-21E	1 Year 2 Months
22	CIGE 285	43-047-34793	ML-22652	NENE Sec 02-10S-21E	1 Year 8 Months
23	STATE 920-36O	43-047-35788	ML-48757	SWSE Sec 36-09S-20E	1 Year 8 Months
24	NBU 1022-16G	43-047-35948	ML-3276	SWNE Sec 16-10S-22E	1 Year 2 Months
25	NBU 1022-16B	43-047-36158	ML-3276	NWNE Sec 16-10S-22E	1 Year 3 Months
26	NBU 921-34K	43-047-36389	STATE	NESW Sec 34-09S-21E	1 Year 2 Months
27	BONANZA 1023-16J	43-047-37092	ML-22186-A	NWSE Sec 16-10S-23E	1 Year 4 Months
28	NBU 921-34J	43-047-37953	STATE	NWSE Sec 34-09S-21E	1 Year



Kerr McGee Oil and Gas Onshore LP
1368 SOUTH 1200 EAST • VERNAL, UT 84078
435-789-4433 • FAX 435-781-7094

November 10, 2008

Mr. Dustin K. Doucet
Division of Oil, Gas and Mining

43 047 33641
NBU 333
10S 21E 13

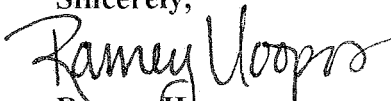
RE: Extended Shut-In and Temporarily Abandoned Wells
Greater Natural Buttes Area

Dear Mr. Doucet:

Our plan of action for wells cited in your October 1, 2008, letter regarding SI and TA wells is attached. We plan to plug, recompleat or workover every well on the list during the next six months. We will positively establish casing mechanical integrity at that time. In particular, the EPA has requested an expanded Area of Review for the UIC permits we have either received or are preparing. We have to have a plan for a large number of wells in the bottom tier of sections in Township 9S-21E . **These are shown in bold font.**

We have not enclosed all of the data requested in light of the fact that we plan to mobilize on these wells in the near future. If you still require that data, please let us know and we will commence gathering it.

Sincerely,


Ramey Hoopes

RECEIVED

NOV 12 2008

DIV. OF OIL, GAS & MINING

1	CIGE 5	43-047-30335
2	CIGE 54D	43-047-30851
3	CIGE 80D	43-047-30853
4	CIGE 51D	43-047-30889
5	NBU 54N	43-047-30890
6	CIGE 92D	43-047-31162
7	NBU 213-36J	43-047-31268
8	ARCHY BENCH STATE 1-2	43-047-31489
9	CIGE 97D	43-047-31729
10	NBU 157	43-047-32007
11	NBU 343-36E	43-047-32205
12	NBU 265	43-047-32796
13	MORGAN STATE 12-36	43-047-32814
14	WONSITS STATE 1-32	43-047-32820
15	NBU 333	43-047-33641
16	NBU 389	43-047-34229
17	STATE 921-32P	43-047-34422
18	STATE 920-36P	43-047-34423
19	NBU 440	43-047-34785
20	NBU 442	43-047-34788
21	CIGE 284	43-047-34792
22	CIGE 285	43-047-34793
23	STATE 920-36O	43-047-35788
24	NBU 1022-16G	43-047-35948
25	NBU 1022-16B	43-047-36158
26	NBU 921-34K	43-047-36389
27	BONANZA 1023-16J	43-047-37092
28	NBU 921-34J	43-047-37953

RECEIVED

NOV 12 2008

DIV. OF OIL, GAS & MINING

CATEGORY 3 - STATE OR FEE SHUT IN WELL LIST

Well	Reason for SI/TA	POA Timing	Comments & Reasoning for POA
Archy Bench State 1-2	Wellbore integrity issues & poor production	Q2 2009	Refrac & recomplete potential exists in well. Work will be done to establish production.
Wonsits State 1-32	Not completed in best existing quality pay	Q1 2009	Recomplete potential exists in well. Work will be done to establish production.
State 920-36P	High water producer with very little gas production	Q2 2009	Review of new drills within section & water shut off work needed to determine potential. Water shut off or P&A will be recommended.
State 920-36O	High water producer with very little gas production	Q2 2009	Review of new drills within section & water shut off work needed to determine potential. Water shut off or P&A will be recommended.
NBU 1022-16G	High water producer with very little gas production	0	Should not be classified as SI as a WSO was performed & production was established in May of 2008. Current rates of 155 mcf/d & 69 bwpd.
NBU 1022-16B	High water producer with very little gas production	0	Should not be classified as SI as a WSO was performed & production was established in May of 2008. Current rates of 155 mcf/d & 69 bwpd.
NBU 213-36J			EOG operated well.
NBU 343-36E			EOG operated well.
BONANZA 1023-16J	Permits being prepared for additional wells		Surface casing set, preparing additional APD's to use location as a multi-well pad. This well will be drilled with the others.
CIGE 5	1.4 Bcf Tw Cum. Twinned in 2007.	Q1 2009	Can P&A.
CIGE 80D	0.4 Bcf Tw Cum. Low gas production.	Q1 2009	Potential for Clean out and RTP.
CIGE 51D	1.0 Bcf Tw Cum. Twinned in 2007.	Q1 2009	Can P&A.
NBU 54N	1.4 Bcf Tw Cum. Twinned in 2007.	Q1 2009	Can P&A.
CIGE 92D	1.6 Bcf Tw Cum.	Q1 2009	Will review for bypassed pay. Prob depleted and can P&A.
CIGE 97D	0.4 Bcf Tw Cum. Twinned in 2007.	Q1 2009	Can P&A.
NBU 157	0.5 Bcf Tw Cum. Twinned in 2007.	Q1 2009	Can P&A.
NBU 265	0.05 Bcf Tw. Refraced in 2007.	Q1 2009	High risk RC cand; 1.7 Bcf Offset. BBXG prob beter RC candidate. Therefore P&A.
NBU 333	0.09 Bcf W/TM. RC Candidate.	Q4 2008	Reviewed 11-06 by kfm (me). Time to RC.
NBU 389	0.07 Bcf Tw Cum. RC Candidate.	Q1 2009	2002 Vintage. Review for RC.
CIGE 54D	0.95 Bcf Tw Cum. SI in 2006.	Q4 2008	Will review for RC potential. Within EPA requested Area of Review.
MORGAN STATE 12-36	0.09 Bcf W/TM.	Q1 2009	Note comm w 41J, 2.7 Bcf well. Prob fraced into in 1997. High risk RC. P&A. Within EPA requested Area of Review.
STATE 921-32P	0.1 Bcf W/TM/MM. High water producer.	Q1 2009	Pkr below Mid Tw prod log, unsuccessful water shut off. Try pkr at Top of Kmv. Wihin EPA requested Area of Review.
NBU 440	0.01 Bcf W/TM/MM. High water producer.	Q1 2009	Attempt to set pkr at top of Kmv and produce.
CIGE 285	0.1 Bcf. W/TM/MM. High water producer.	Q1 2009	Attempt to set pkr at top of Kmv and produce.
NBU 442		Q42008	UIC permit application being prepared.
CIGE 284		Q1 2009	Within EPA requested Area of Review.
CIGE 285		Q1 2009	Within EPA requested Area of Review.
NBU 921-34K		Q1 2009	Mobilizing to convert well to injection.
NBU 921-34J		Q1 2009	Test Green River. UIC candidate. Within EPA requested Area of Review.



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

December 23, 2008

CERTIFIED MAIL NO.: 7004 2510 0004 1824 6633

Ms. Ramey Hoopes
Kerr McGee Oil and Gas
1368 South 1200 East
Vernal, UT 84078

43 OF 33A1
NBU 333
IDS 4E 13

SUBJECT: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated September 23, 2008

Dear Ms. Hoopes:

The Division of Oil, Gas and Mining (Division) is in receipt of your letter dated November 10, 2008 (received by the Division on November 12, 2008) in regards to the twenty-eight (28) shut-in or temporarily abandoned (SI/TA) wells operated by Kerr McGee Oil and Gas (Kerr McGee). It is the Divisions understanding that Kerr McGee plans to plug, recomplect or workover every well on Attachment A during the next six months.

Based on the submitted information and plan to bring the listed wells out of non-compliance status within a six month period the Division grants extended SI/TA status for the wells listed on Attachment A until September 1, 2009, allowing adequate time to perform the proposed work.

If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281

Sincerely,

Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

Enclosure

cc: Jim Davis, SITLA
Operator Compliance File
Well File

N:\O&G Reviewed Docs\Chron file\Petroleum Engineer\SITA\20081212 KerrMcGee SITA response.doc



ATTACHMENT A

	Well Name	API	Lease Type	Location	Years Inactive
1	CIGE 5	43-047-30335	STATE	NWSE Sec 31-09S-22E	1 Year 4 Months
2	CIGE 54D	43-047-30851	ML-22582	NENE Sec 35-09S-21E	2 Years 4 Months
3	CIGE 80D	43-047-30853	ML-22652	NWNW Sec 02-10S-21E	1 Year
4	CIGE 51D	43-047-30889	STATE	NENE Sec 31-09S-22E	1 Year 3 Months
5	NBU 54N	43-047-30890	ML-22649	NESW Sec 32-09S-22E	1 Year 3 Months
6	CIGE 92D	43-047-31162	STATE	SESW Sec 13-10S-20E	1 Year
7	NBU 213-36J	43-047-31268	ML-22650	NENE Sec 36-09S-22E	1 Year 1 Month
8	ARCHY BENCH STATE 1-2	43-047-31489	ML-22348-A	NENE Sec 02-11S-22E	1 Year 10 Months
9	CIGE 97D	43-047-31729	STATE	SESE Sec 31-09S-22E	1 Year 7 Months
10	NBU 157	43-047-32007	ML-22649	SESW Sec 32-09S-22E	1 Year 3 Months
11	NBU 343-36E	43-047-32205	ML-22650	SESW Sec 36-09S-22E	1 Year 7 Months
12	NBU 265	43-047-32796	ML-13826	NESE Sec 02-10S-21E	1 Year 2 Months
13	MORGAN STATE 12-36	43-047-32814	ML-22265	NESE Sec 36-09S-21E	1 Year
14	WONSITS STATE 1-32	43-047-32820	ML-47780	SWNE Sec 32-07S-22E	4 Years
15	NBU 333	43-047-33641	ML-23608	SWSW Sec 13-10S-21E	1 Year 6 Months
16	NBU 389	43-047-34229	ML-21329	NENE Sec 28-10S-21E	1 year 4 Months
17	STATE 921-32P	43-047-34422	ML-48758	SESE Sec 32-09S-21E	1 Year 5 Months
18	STATE 920-36P	43-047-34423	ML-48757	SESE Sec 36-09S-20E	2 years 9 Months
19	NBU 440	43-047-34785	STATE	SWNW Sec 34-09S-21E	1 Year 4 Months
20	NBU 442	43-047-34788	STATE	NWSW Sec 35-09S-21E	2 Years 8 Months
21	CIGE 284	43-047-34792	ML-23612	SWNW Sec 01-10S-21E	1 Year 2 Months
22	CIGE 285	43-047-34793	ML-22652	NENE Sec 02-10S-21E	1 Year 8 Months
23	STATE 920-36O	43-047-35788	ML-48757	SWSE Sec 36-09S-20E	1 Year 8 Months
24	NBU 1022-16G	43-047-35948	ML-3276	SWNE Sec 16-10S-22E	1 Year 2 Months
25	NBU 1022-16B	43-047-36158	ML-3276	NWNE Sec 16-10S-22E	1 Year 3 Months
26	NBU 921-34K	43-047-36389	STATE	NESW Sec 34-09S-21E	1 Year 2 Months
27	BONANZA 1023-16J	43-047-37092	ML-22186-A	NWSE Sec 16-10S-23E	1 Year 4 Months
28	NBU 921-34J	43-047-37953	STATE	NWSE Sec 34-09S-21E	1 Year



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

December 23, 2008

January 27, 2009 – re-mailed

CERTIFIED MAIL NO.: 7004 2510 0004 1824 6633 (returned unclaimed)
CERTIFIED MAIL NO.: 7004 2510 0004 1824 6695

Ms. Ramey Hoopes
Kerr McGee Oil and Gas
1368 South 1200 East
Vernal, UT 84078

43 047 33641
NBU 333
105 215 13

SUBJECT: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated September 23, 2008

Dear Ms. Hoopes:

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Based on the submitted information and plan to bring the listed wells out of non-compliance status within a six month period the Division grants extended SI/TA status for the wells listed on Attachment A until September 1, 2009, allowing adequate time to perform the proposed work.

If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281

Sincerely,

Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

Enclosure

cc: Jim Davis, SITLA
Operator Compliance File
Well File

N:\O&G Reviewed Docs\Chron file\Petroleum Engineer\SITA\20081212 KerrMcGee SITA response.doc



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4	CIGE 51D	43-047-30889	STATE	NENE Sec 31-09S-22E	1 Year 3 Months
5	NBU 54N	43-047-30890	ML-22649	NESW Sec 32-09S-22E	1 Year 3 Months
6	CIGE 92D	43-047-31162	STATE	SENE Sec 13-10S-20E	1 Year
7	NBU 213-36J	43-047-31268	ML-22650	NENE Sec 36-09S-22E	1 Year 1 Month
8	ARCHY BENCH STATE 1-2	43-047-31489	ML-22348-A	NENE Sec 02-11S-22E	1 Year 10 Months
9	CIGE 97D	43-047-31729	STATE	SESE Sec 31-09S-22E	1 Year 7 Months
10	NBU 157	43-047-32007	ML-22649	SESW Sec 32-09S-22E	1 Year 3 Months
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28	NBU 921-34J	43-047-37953	STATE	NWSE Sec 34-09S-21E	1 Year



Kerr-McGee Oil & Gas Onshore LP

1368 South 1200 East Vernal Utah 84078
Telephone: 435-781-7024 Fax: 720-929-3616

August 26, 2009

Dustin Doucet
State of Utah
1594 West North Temple, Suite 1210, PO Box 145801
Salt Lake City, UT 84114

43 047 33641
NBU 333
10S 21E 13

SUBJECT: Response to Letter Regarding Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated September 23, 2008

Dear Mr. Doucet:

Kerr McGee Oil and Gas (Kerr McGee) is responding to the Division of Oil, Gas and Mining's request to bring the listed wells out of non-compliance status by September 1, 2009. See Attachment A for the list of wells and our plan for each well. All wells will either be plugged, recompleted, converted to SWD monitor wells, or have been returned to production.

Kerr McGee will be providing sundry notices and procedures within 60 days from this notice. If you have any questions or need additional information in regards to the above please contact Paul Wages at (435) 781 - 7037.

Sincerely,

A handwritten signature in black ink, appearing to read 'Sheila Wopsock', written over the printed name.

Sheila Wopsock
Regulatory Analyst

Enclosure

RECEIVED

AUG 31 2009

DIV. OF OIL, GAS & MINING

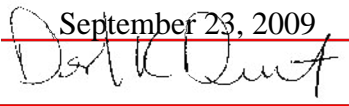
ATTACHMENT A

Well Name	API	Plan
CIGE 5	4304730335	P&A
CIGE 54D	4304730851	Already TA'd for SWD monitor well
CIGE 80D	4304730853	TA – Monitor Well
CIGE 51D	4304730889	P&A
NBU 54N	4304730890	P&A
CIGE 92D	4304731162	P&A
NBU 213-36J	4304731268	EOG Well
ARCHY BENCH STATE 1-2	4304731489	P&A
CIGE 97D	4304731729	P&A
NBU 157	4304732007	P&A
NBU 343-36E	4304732205	EOG Well
NBU 265	4304732796	P&A
MORGAN STATE 12-36	4304732814	P&A
WONSITS STATE 1-32	4304732820	P&A
NBU 333 <i>T105 RAIL S-13</i>	4304733641	P&A
NBU 389	4304734229	P&A
STATE 921-32P	4304734422	TA for future SWD monitor well or
STATE 920-36P	4304734423	P&A
NBU 440	4304734785	TA – Monitor Well
NBU 442	4304734788	P&A
CIGE 284	4304734792	Has been returned to production
CIGE 285	4304734793	P&A
STATE 920-36O	4304735788	P&A
NBU 1022-16G	4304735948	Currently producing
NBU 1022-16B	4304736158	Currently producing
NBU 921-34K	4304736389	Already converted to SWD Well
BONANZA 1023-16J	4304737092	Has surface hole only, extend TA status to keep for future pad location
NBU 921-34J	4304737953	Extend TA status to evaluate for

RECEIVED

AUG 31 2009

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-23608			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 333			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0944 FSL 0449 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 13 Township: 10.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047336410000			
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: UTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/18/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator requests authorization to Plug and Abandon the subject well. The well location has been Shut-In, Temporarily Abandon, or a non-producing well. In accordance with the State of Utah demand letter response, the operator will Plug and Abandon the well location. Please refer to the attached Plug and Abandon procedure.					
Approved by the Utah Division of Oil, Gas and Mining		Date: September 23, 2009 By: 			
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst			
SIGNATURE N/A	DATE 9/16/2009				



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources
Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047336410000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 3. Amend Plug #1: A 100' cement plug (± 8 sx) shall be spotted on top of the CIBP instead of 4 sx as proposed. This will meet the requirements of R649-3-24-3.2.**
- 4. ADD Plug #3A: A 200' plug (± 16 sx) shall be balanced from $\pm 2800'$ to 2600'. This will isolate the base of the Parachute Creek Member as required by Cause 190-5(B).**
- 5. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 6. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 8. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: September 23, 2009
By: Dan K. Doucet

Wellbore Diagram

API Well No: 43-047-33641-00-00

Permit No:

Well Name/No: NBU 333

Company Name: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Location: Sec: 13 T: 10S R: 21E Spot: SWSW

Coordinates: X: 627545 Y: 4422405

Field Name: NATURAL BUTTES

County Name: UINTAH

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (f/cf)
HOL1	277	17.25			
SURF	277	13.375	54.5	277	
HOL2	4412	12.25			
II	4412	9.625	40	4412	
HOL3	10000	7.875			
PROD	10000	4.5	11.6	10000	11.459
TI	8893	2.375			

9 7/8" x 4 1/2"

3.172

Cement from 277 ft. to surface

Surface: 13.375 in. @ 277 ft.

Hole: 17.25 in. @ 277 ft.

Plug #5 (Step 8)

$$\text{COT } 160' / (1.15) (3.172) = 44.5K$$

$$1025' / (1.15) (11.459) = 125K$$

56K → propose 51.5K ✓ e.v.c.

11.5K 3.2

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
II	4412	0	HG	775
II	4412	0	50	220
PROD	10000	160	LT	405
PROD	10000	160	PC	2036
SURF	277	0	G	230

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
5622	5632			
7290	9538			

Approved by the
Utah Division of
Oil, Gas and Mining

Date: September 23, 2009

By: Dan K. [Signature]

Formation Information

Formation	Depth
UNTA	0
GRRV	1125
MHGBN	2022
WSTC	4460
BMSW	5374
MVRD	6955

Cement from 10000 ft. to 160 ft.

Tubing: 2.375 in. @ 8893 ft.

Production: 4.5 in. @ 10000 ft.

Hole: 7.875 in. @ 10000 ft.

TD: 10000 TVD: PBTD: 9958

NBU 333
 944' FSL & 449' FWL
 SWSW - Section 13 - T10S - R21E
 Uintah County, UT

KBE:	5374'	API NUMBER:	43-047-33641
GLE:	5359'	LEASE NUMBER:	ML-23608
TD:	10000'	WI:	100%
PBTD:	9400' (FC @ 9958)	NRI:	80.702949%

CASING: 17.25" hole
 13.375", 54.5#, K-55 @ 277'
 Cemented with 230 sx. Class G. Pumped 160 sx. Class G top job. TOC @ surface.

12.25" hole
 9.625" 40# K-55 @ 4412'
 Cemented with 775 sx. HiFill lead, 220 sx. 50-50 Pozmix tail, circulated 100 bbl. cement to pit. TOC @ surface.

7.875" hole
 4.5" 11.6# P-110 @ 10000'
 Cemented with 405 sx. HiFill lead (3.12 yield), 2036 sx. 50-50 Pozmix tail. Circulated 19 bbl. cement to pit, TOC @ 160' by CBL.

TUBING: 2.375" 4.7# N-80 landed at 8893', SN @ 8845'.

Tubular/Borehole	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02173	0.00387
4.5" 11.6# P-110 csg	3.875	7560	10690	0.6528	0.0872	0.01554
9.625" 40# K-55 csg	8.765	2570	3950	3.1847	0.4257	0.0758
13 3/8" 54.5# K-55	12.459	1130	2730	6.4932	0.8679	0.1546
Annular Capacities						
2.375" tbg. X 4.5" 11.6# csg.				0.4226	0.0565	0.01006
4.5" csg. X 9.625" 36# csg.				2.2159	0.3236	0.0576
4.5" csg. X 7.875" hole				1.7052	0.2278	0.0406
9.625" csg X 13.375" 54.5# csg				2.7132	0.3627	0.0646
9.625" csg X 12/25" hole				2.3436	0.3132	0.0558
13.375" csg X 17.25" hole				5.1954	0.6946	0.1237

EXISTING PERFORATION DETAIL:

Formation	Date	Top	Bottom	SPF	Status
Wasatch	2/27/2001	5622	5632	4	Open
Mesa Verde	1/17/2001	7290	7300	4	Open
Mesa Verde	1/17/2001	7444	7450	4	Open
Mesa Verde	1/17/2001	7570	7572	4	Open
Mesa Verde	1/17/2001	7606	7612	4	Open
Mesa Verde	1/17/2001	7665	7668	4	Open
Mesa Verde	1/17/2001	7802	7812	4	Open
Mesa Verde	1/17/2001	7894	7902	4	Open
Formation	Date	Top	Bottom	SPF	Status
Mesa Verde	1/17/2001	7913	7915	4	Open
Mesa Verde	1/17/2001	8916	8924	4	Open
Castlegate A	1/10/2001	9458	9468	4	Excluded - CIBP
Castlegate A	1/4/2001	9528	9538	4	Excluded - CIBP

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Green River	1125'
Bird's Nest	1566'
Mahogany	2022'
Wasatch	4462'
Mesa Verde	7138'

Tech. Pub. #92 Base of USDW's

USDW Elevation	~0' MSL
USDW Depth	~5374' KBE

WELL HISTORY:**Mesa Verde Completion – January 2001**

- TD'd on 26 December 2000.
- Perforated the **Castlegate A** interval 9528-9538' and fractured with 763 bbl. gel containing 70000# of 20/40 mesh AcFrac Black. **This interval was flow tested for four days, the last rate being ~109 MCFD and 108 BWPD at 425 bbl. over load.** Set CIBP at 9490'.
- Perforated the **Castlegate A** interval 9458-9468' and fractured with 590 bbl. gel containing 51400# of 20/40 mesh AcFrac Black. **Swabbed for three days, recovering only gas cut water at 193 bbl. over load.** Set CIBP at 9400'.
- Perforated the **Mesa Verde** interval 8916-8924' and fractured with 530 bbl. gel containing 39700# of 20/40 mesh sand.

- Perforated the gross **Mesa Verde** interval 7894' through 7915' and fractured with 651 bbl. gel containing 58500# of 20/40 mesh sand.
- Perforated the **Mesa Verde** interval 7802-7812' and fractured with 500 bbl. gel containing 40500# of 20/40 mesh sand.
- Perforated the gross **Mesa Verde** interval 7570' through 7668' and fractured with 592 bbl. gel containing 51400# of 20/40 mesh sand.
- Perforated the **Mesa Verde** interval 7444-7450' and fractured with 459 bbl. gel containing 37500# of 20/40 mesh sand.
- Perforated the **Mesa Verde** interval 7290-7300' and fractured with 513 bbl. gel containing 38600# of 20/40 mesh sand.
- Drilled out plugs and cleaned out to CIBP at 9400', landed tubing at 8893' and commenced production. Tested 734 MCFD, 236 BWPD, 210 psi FTP, 750 psi SICP, 32/64th choke on 20 January 2001.

Wasatch Completion – February 2001

- Perforated the **Wasatch** interval 5622-5632' and fractured with 531 bbl. gel containing 50460# of 20/40 mesh sand.
- Drilled out plugs, landed tubing at 8893' and returned to production.
- Tested 334 MCFD, 129 BWPD, 100 psi FTP, 870 psi SICP, 64/64th choke on 5 March 2001.

Remarks:

- Land Exploration/Operations - This well is producing from the Was/MV formations. The lease is held by the NB Unit. OK to P&A. Jason Rayburn 6/17/09
- Geology - No remaining above top perf potential. Should be evaluated for twinning in the future as majority of lower Tw and middle MV was not stimulated, and section 13 is a decent NBU Central section. OK to P&A. BJK 6/19/09
- Reservoir Engineering - This well was completed to the Wasatch and Mesaverde in Jan 2001 and has gross cum production of 90MMCF. The well has been shut-in since early 2007 and the net remaining reserves have been 0 for several years. We believe that the best option for this well is to P&A and for a twin to be drilled to access the below top perf potential. OK to P&A. 6/30/09
- Green River Geology - -OK to P&A. No behind pipe Green River potential identified. No open hole logs run over the Green River. Well is located out of the main Green River producing trend. Location is not suitable for Birds Nest SWD due to TDS < 10,000 ppm in the area. S.P. Kelly 6/23/2009.

Recommendation:

Per UDOGM demand letter, action has to be taken by 9/1/09. Recommend to P&A this well.

NBU 333 PLUG & ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 200 sx Class "G" cement needed for procedure

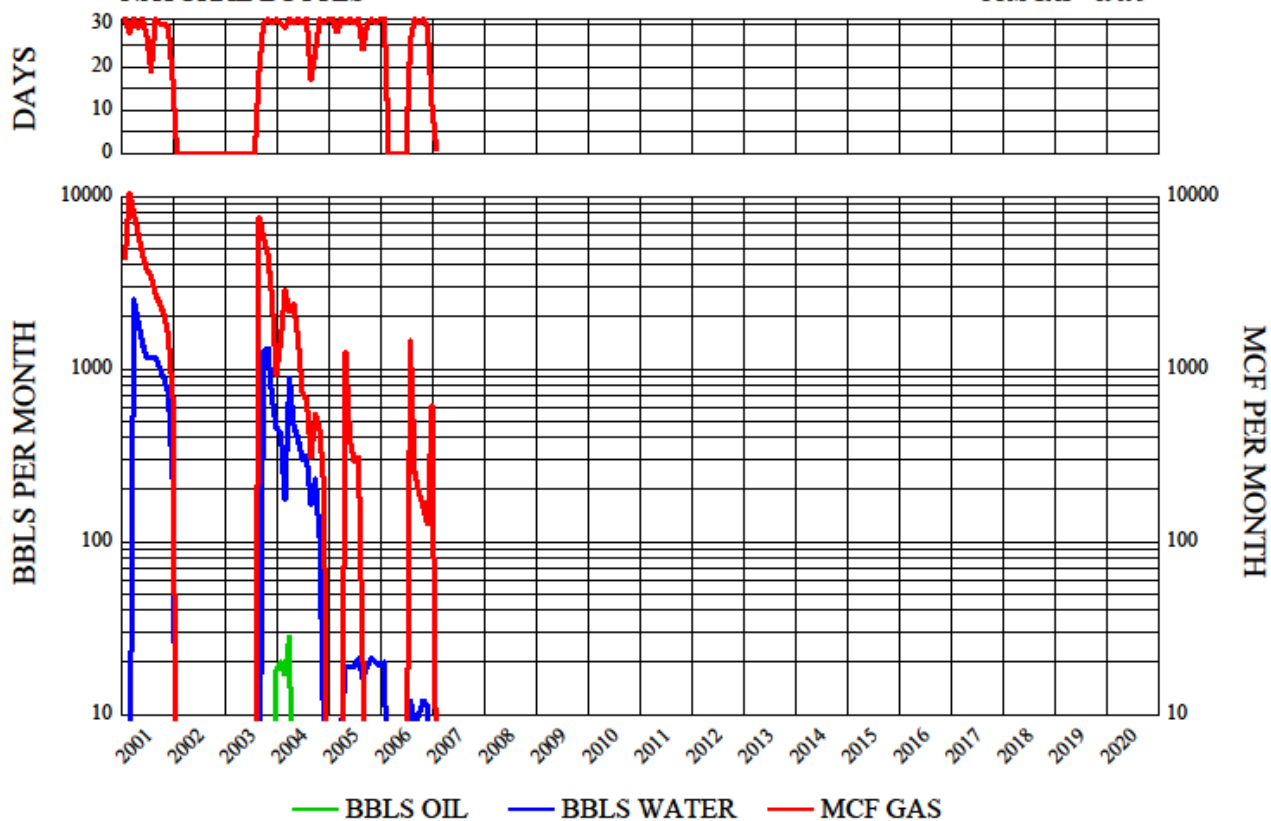
1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL & PREP FOR GYRO SURVEY.
3. RUN GYRO SURVEY
4. **PLUG #1, ISOLATE MESAVERDE PERFORATIONS (7290' - 8924'):** RIH W/ 4 ½" CIBP. SET @ 7240'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE 4 SX CMT (4.36 CUFT) ON TOP OF PLUG. PUH ABOVE TOC (~7190'). REVERSE CIRCULATE W/ 10 PPG BRINE.
5. **PLUG #2 ISOLATE WASATCH PERFORATIONS (5622' - 5632') & PROTECT BASE OF USDW (~5374):** RIH W/ 4 ½" CIBP. SET @ 5572'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE 23 SX CMT (25.99 CUFT) ON TOP OF PLUG. PUH ABOVE TOC (~5274'). REVERSE CIRCULATE W/ 10 PPG BRINE.
6. **PLUG #3, PROTECT WASATCH TOP (4462') & SURFACE SHOE (4427'):** PUH TO ~4562'. BRK CIRC W/ FRESH WATER. DISPLACE 16 SX (17.44 CUFT.) AND BALANCE PLUG W/ TOC @ ~4362' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE.
7. **PLUG #4, PROTECT BASE OF MAHOGANY (~2022'), BIRD'S NEST TOP (~1566') & GREEN RIVER TOP (~1125'):** PUH TO ~2122'. BRK CIRC W/ FRESH WATER. DISPLACE 84 SX (95.66 CUFT.) AND BALANCE PLUG W/ TOC @ ~1025' (1097' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE.
8. **PLUG #5, SURFACE HOLE:** POOH W/ TBG. PUMP 11 SX CMT (12.20 CUFT.) OR SUFFICIENT VOLUME TO FILL CASING TO 160'. POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ 160' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP 51 SX CMT (58.10 CUFT.) OR SUFFICIENT VOLUME TO FILL ANNULUS AND CASING TO SURFACE
9. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
10. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB.

DML 7/6/09

RECEIVED September 16, 2009

#43-047-33641-00-00 SWSW 13-T10S-R21E
NBU 333
KERR-MCGEE OIL & GAS ONSHORE, L.P.
NATURAL BUTTES

CUM OIL = 86
CUM WATER = 19586
CUM GAS = 89695



RECEIVED September 16, 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-23608
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 333
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0944 FSL 0449 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 13 Township: 10.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047336410000
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/5/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> ALTER CASING	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> FRACTURE TREAT	
	<input checked="" type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> OTHER:	
	<input type="checkbox"/> CASING REPAIR	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> APD EXTENSION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
THE OPERATOR HAS PERFORMED THE PLUG AND ABANDON ON THE SUBJECT WELL LOCATION. THE OPERATOR HAS PLUGGED THE WELL IN ACCORDANCE WITH THE STATE OF UTAH DEMAND LETTER. PLEASE REFER TO THE ATTACHED PLUG AND ABANDON CHRONOLOGICAL WELL HISTORY.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 07, 2009		
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 10/7/2009	

US ROCKIES REGION
Operation Summary Report

Well: NBU 333			Spud Date: 11/25/2000		
Project: UTAH-UINTAH		Site: NBU 333		Rig Name No: MILES 2/2	
Event: ABANDONMENT		Start Date: 9/28/2009		End Date: 10/5/2009	
Active Datum: RKB @0.00ft (above Mean Sea Level)			UWI: NBU 333		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/29/2009	7:00 - 7:30	0.50	ABAND	48		P		RU, KILL WELL,NDWH, NUBOP'S
	7:30 - 18:00	10.50	ABAND	31		P		BLOW WD, RU MULTI SHOT, GYRO WELL, RD MULTI TEST, KILL WELL, ND WH, NU BOP'S. UNLAND TBG, PULL TO 80,000#. TBG STUCK IN HOLE. WORKED TBG NO SUCCESS. RU CUTTERS, RIH 3-PT TO 7571', STACKED OUT, PULLED UP TO 7550', TBG FREE, RIH WITH JET CUTTERS.CUT OFF TBG AT 7560,DIDN'T CUT CLEAN, POOH, RU 2 ND JET GUN, RIH SHOOT AT 7558'. POOH. TBG CUT CLEAN.. RD CUTTERS. SWIFN
9/30/2009	7:00 - 7:30	0.50	ABAND	48		P		SCANNING TBG
	7:30 - 15:00	7.50	ABAND	45		P		RU SCAN TECH, INSPECT TBG PULLING OUT OF HOLE. LD 244 JTS 2 3/8' N-80 4.7# TBG. 165 JTS GOOD, 79 BAD. SIWFN
10/1/2009	7:00 - 7:30	0.50	ABAND	48		P		RIH TBG, CIRC WHILE MILLING
	7:30 - 17:00	9.50	ABAND	44		P		RU CUTTERS, RIH WITH GAUGE RING, HIT SOLID @ 5620'. POOH, RU PWR SWIVAL, FOAM UNIT, RIH, MILL OUT 5500' TO 7290.45'.POOH, STAND BACK 96 STANDS, 5527.86', LAYDWN 57 JTS ON TRL. TOTAL ON TRL, 66 JTS 2041.90'.RU CUTTERS RIH WITH GAUGE RING TO 7250'.POOH PU CIBP, RIH SET AT 7240'. POOH PU BAILER, BAIL 8 SX CEMENT ON TOP OF PLUG. RD, SWIFN
10/2/2009	7:00 - 7:30	0.50	ABAND	48		P		TRIPPING TBG
	7:30 - 17:00	9.50	ABAND	51				RU CUTTERS, FINISH BAILING 8 SX CEMENT ON CIBP @ 7240.. SET 2ND CIBP @ 5572', RD CUTTERS, RIH WITH TBG TO 5559'. CIRC 80 BBLs 10# BRINE DWN TBG UP CSG.RU PRO PETRO, PUMP 25 SX, 5.1 BBL CEMENT @ 5572' ON TOP OF CIBP. POOH 32 JTS TO 4564', PUMP 16SX, 4 BBLs CEMENT,DISPLACE, POOH TO 2798', PUMP 16 SX 4 BBLs,CEMENT, DISPLACE, POOH TO 2119', PUMP 84 SX, 17.5 BBLs CEMENT, DISPLACE, POOH TO 378'. REVERSE CIRC TO CLEAN TBG. CEMENT USED- CLASS G, YIELD 1.145, W 4.9 GAL/SX,DENSITY 15.8#. SWIFWE
10/5/2009	7:00 - 7:30	0.50	ABAND	48		P		LAY DOWN TBG, RU CUTTERS

RECEIVED October 07, 2009

US ROCKIES REGION

Operation Summary Report

Well: NBU 333			Spud Date: 11/25/2000		
Project: UTAH-UINTAH		Site: NBU 333		Rig Name No: MILES 2/2	
Event: ABANDONMENT		Start Date: 9/28/2009		End Date: 10/5/2009	
Active Datum: RKB @0.00ft (above Mean Sea Level)		UWI: NBU 333			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 15:00	7.50	ABAND	31		P		RU PRO PETRO, SET PLUG @ 378' WITH 15 SX CLASS G CEMENT. POOH TO 165', REVERSE CIRC, POOH LAY DWN TBG, RU CUTTERS, PERF @ 150' WITH 4 SHOTS, POOH RD CUTTERS. CIRC TO SURFACE WITH 10# BRINE..NO CIRC, RU CUTTERS, PERF @ 110' RD CUTTERS,.RU PRO PETRO CAN'T CIRC.RD PRO PETRO, RDR, NDBOP'S, DIG OUT WELL HEAD, CUT WELL HEAD OFF. CEMENT DWN 4 1/2", 9 5/8", AND 13 3/8" WITH 1" FROM 150' TO SURFACE WITH .XX SX CEMENT. ALL CEMENT IS CLASS G, 1.145 YIELD, 4.9 GAL W/ SX, 15.8 DENISTY. RD PRO PETRO, CAP WELL. RDMO TO NBU 389

RECEIVED October 07, 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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PHONE NUMBER: 720 929-6100		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/15/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
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	<input type="checkbox"/> NEW CONSTRUCTION	
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	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: FINAL INSPECTION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The NBU 333 well site has met final reclamation, with a final inspection date of 03/15/2012, per the attached document from UDOGM.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 19, 2014		
NAME (PLEASE PRINT) Doreen Green	PHONE NUMBER 435 781-9758	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 1/15/2014	

Company Name	API_WellNo	Well_Nm	Well_Typ	Surf_Owner	WI_Status	Final Inspection Date
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047391910000	NBU 636-12E	GW	S	PA	
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047304670000	NBU 65-25B	GW	S	PA	17-Nov-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047336410000	NBU 333	GW	S	PA	15-Mar-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047317290000	CIGE 97D	GW	S	PA	28-Sep-09
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047328590000	NBU 301	GW	S	PA	25-Sep-09
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047328860000	NBU 296	GW	S	PA	
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047320060000	NBU 160	GW	S	PA	23-Jun-93
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047311010000	NBU 71	D	S	PA	16-Dec-86
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047337050000	NBU 361	GW	S	PA	
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047312350000	NBU 83J	GW	S	PA	15-Apr-10
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047383320000	NBU 763-19E	GW	S	PA	27-Mar-13
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047305150000	NBU ST 2-36 G	GW	S	PA	01-Nov-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047306350000	CIGE 69-19-10-21	GW	S	PA	18-Apr-01
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047342300000	NBU 390	GW	S	PA	29-Mar-11

Company Name	API_WellNo	Well_Nm	Well_Typ	Surf_Owner	WI_Status	Final Inspection Date
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047303060000	NBU 30	GW	S	PA	13-Jul-00
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047357880000	STATE 920-360	GW	S	PA	30-Mar-11
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047327960000	NBU 265	GW	S	PA	15-Mar-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047328620000	NBU 270	GW	S	PA	03-Dec-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047312360000	NBU 82N4	GW	S	PA	19-Oct-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047302430000	CIGE 2-29-10-21	GW	S	PA	03-Nov-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047304930000	CIGE 24	GW	S	PA	05-Feb-09
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047347850000	NBU 440	GW	S	PA	31-Mar-11
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047305350000	NBU 24N2	GW	S	PA	07-Jul-10
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047359470000	NBU 1022-16C	GW	S	PA	27-Mar-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047335890000	KENNEDY WASH 16-1	GW	S	PA	29-May-07
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047302670000	NBU 3-2B	GW	S	PA	01-Apr-13
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047303070000	NBU 31	GW	S	PA	27-Mar-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047311620000	CIGE 92D	GW	S	PA	

Company Name	API_WellNo	Well_Nm	Well_Typ	Surf_Owner	WI_Status	Final Inspection Date
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047328640000	CIGE 219	GW	S	PA	11-Feb-09
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047332100000	CIGE 245	GW	S	PA	
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047328650000	NBU 280	GW	S	PA	30-Mar-11
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047317460000	CIGE 106D	GW	S	PA	15-Apr-10
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047319790000	CIGE 136	GW	S	PA	30-Dec-03
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047302270000	NBU 19	GW	S	PA	08-Sep-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047328140000	MORGAN STATE 12-36	GW	S	PA	03-Dec-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047388440000	NBU 1021-2J	GW	S	PA	15-Mar-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047320070000	NBU 157	GW	S	PA	30-Mar-11
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047341580000	LELAND BENCH 35-22	D	P	PA	23-Mar-06
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047308670000	NBU 57N	GW	S	PA	17-Dec-08
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047353440000	BONANZA 1023-2M	D	S	PA	06-Jun-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047305740000	NBU 67-30B	GW	S	PA	13-May-94
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047322040000	NBU 318-36E	GW	S	PA	06-Jun-08

Company Name	API_WellNo	Well_Nm	Well_Typ	Surf_Owner	WI_Status	Final Inspection Date
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047305480000	NBU CIGE 59-21-10-21	GW	S	PA	08-Sep-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047308890000	CIGE 51D	GW	S	PA	10-Apr-13
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047324990000	NBU 221	OW	S	PA	04-Oct-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047344220000	STATE 921-32P	GW	S	PA	03-Dec-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047376850000	NBU 555-18E	GW	S	PA	
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047344230000	STATE 920-36P	GW	S	PA	30-Mar-11
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047328850000	CIGE 230	GW	S	PA	
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047337060000	NBU 359	GW	S	PA	04-Dec-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047359430000	NBU 1022-16H	GW	S	PA	27-Mar-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047305540000	NBU CIGE 65-19-10-22	GW	S	PA	07-Jun-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047335970000	NBU SWD 2-16	D	S	PA	31-Oct-03
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047305040000	NBU 33Y	GW	S	PA	06-Oct-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047320240000	CIGE 148	GW	S	PA	22-Dec-08
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047342290000	NBU 389	GW	S	PA	19-Mar-12

Company Name	API_WellNo	Well_Nm	Well_Typ	Surf_Owner	WI_Status	Final Inspection Date
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047319780000	CIGE 133	GW	S	PA	31-Mar-11
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047310890000	NBU 68N2	GW	S	PA	07-Jan-09
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047304440000	NBU 64-24B	GW	S	PA	30-Aug-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047319140000	NBU 117	GW	S	PA	07-Jul-10
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047359490000	NBU 1022-16E	GW	S	PA	27-Mar-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047153820000	UTE TRAIL U ST 10	GW	S	PA	04-Oct-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047336760000	WONSITS STATE 3-32	GW	S	PA	10-Jun-09
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047302560000	NBU 22	GW	S	PA	07-Jul-10
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047362530000	LOVE 1121-16F	GW	S	PA	05-Apr-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047375330000	NBU 565-30E	GW	S	PA	27-Mar-13
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047319190000	CIGE 116	GW	S	PA	02-Jan-09
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047304910000	CIGE 43	GW	S	PA	06-Apr-11
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047332080000	CIGE 241	GW	S	PA	01-Jun-10
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047304190000	CIGE 9	WD	S	PA	16-Dec-09

Company Name	API_WellNo	Well_Nm	Well_Typ	Surf_Owner	WI_Status	Final Inspection Date
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047305360000	NBU 38N2	GW	S	PA	07-Jul-10
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047316460000	STIRRUP 32-1-J	OW	P	PA	07-Feb-06
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047312320000	NBU 81V	GW	S	PA	15-Mar-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047344360000	CIGE 282	GW	S	PA	07-Jul-10
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047328680000	CIGE 221	GW	S	PA	28-Jul-09
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047325160000	NBU 224	GW	S	PA	31-Mar-11
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047304350000	NBU 43-36B	GW	S	PA	23-May-94
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047404310000	NBU 1022-2B2S	D	S	PA	07-Jul-10
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047308780000	W WALKER ST 2-32	D	S	PA	19-Aug-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047343750000	NBU 404	GW	S	PA	26-Jun-09
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047347930000	CIGE 285	GW	S	PA	15-Mar-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047308540000	CIGE 81D	GW	S	PA	11-Apr-07
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047153750000	UINTAH UNIT 1	WS	S	PA	03-Feb-88
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047303980000	NBU 27-A	GW	S	PA	01-Nov-05

Company Name	API_WellNo	Well_Nm	Well_Typ	Surf_Owner	WI_Status	Final Inspection Date
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047303050000	NBU 28	GW	S	PA	07-Jun-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047328690000	CIGE 222	GW	S	PA	28-Mar-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047347880000	NBU 442	GW	S	PA	30-Mar-11
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047328130000	MORGAN STATE 11-36	GW	S	PA	
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047304250000	CIGE 10	GW	S	PA	03-Apr-09
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047313270000	NBU 98V	GW	S	PA	
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047328200000	WONSITS STATE 1-32	GW	S	PA	02-Apr-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047309090000	NBU 62N	GW	S	PA	29-May-07
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047328840000	CIGE 220	GW	S	PA	11-Nov-08
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047320540000	NBU 167	GW	S	PA	03-Dec-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047309380000	CIGE 67A	GW	S	PA	02-Apr-09
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047320030000	NBU 154	GW	S	PA	14-Mar-11
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047304430000	NBU 61-25B	GW	S	PA	
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047319700000	CIGE 141-7-10-22	GW	S	PA	18-Oct-05

Company Name	API_WellNo	Well_Nm	Well_Typ	Surf_Owner	WI_Status	Final Inspection Date
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047323240000	CIGE 173	GW	S	PA	03-Feb-09
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047308550000	NBU CIGE 85D-29-10-21	GW	S	PA	03-Nov-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047308650000	NBU CIGE 83D-7-10-22	GW	S	PA	21-Nov-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047343200000	NBU 413	GW	S	PA	
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047314890000	ARCHY BENCH STATE 1-2	GW	P	PA	06-Apr-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047394750000	NBU 1022-1314S	D	S	PA	
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047348630000	STATE 4-32	D	S	PA	02-Nov-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047305320000	CIGE 58	GW	S	PA	12-Mar-04
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047321640000	CIGE 162	GW	S	PA	28-Mar-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047307390000	CIGE 28	GW	S	PA	10-Sep-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047359450000	NBU 1022-16O	GW	S	PA	27-Mar-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047322050000	NBU 343-36E	GW	S	PA	
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047351510000	NBU 1022-11I	D	S	PA	07-Jun-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047311030000	NBU 75N3	GW	S	PA	29-May-07

Company Name	API_WellNo	Well_Nm	Well_Typ	Surf_Owner	WI_Status	Final Inspection Date
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047337090000	NBU 347	WD	S	PA	
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047328100000	MORGAN STATE 6-36	GW	S	PA	15-Mar-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047375340000	NBU 438-19E	GW	S	PA	27-Mar-13
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047328800000	NBU 305	GW	S	PA	09-Jan-09
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047303040000	NBU 27	GW	S	PA	03-Aug-00
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047391940000	NBU 634-12E	D	S	PA	07-Jul-10
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047319750000	NBU 153	GW	S	PA	07-Jun-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047303950000	NBU 32-13B	GW	S	PA	06-Jun-05
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047320200000	CIGE 147-36-9-22	GW	S	PA	01-Jun-10
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047343740000	NBU 395	GW	S	PA	14-Jan-09
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047319170000	NBU 109	GW	S	PA	15-Apr-10
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047328670000	NBU 282	GW	S	PA	26-Feb-09
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047385650000	NBU 922-31K-2T	D	S	PA	30-Mar-11
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047308770000	W WALKER ST 1-32	GW	S	PA	19-Jul-05

Company Name	API_WellNo	Well_Nm	Well_Typ	Surf_Owner	WI_Status	Final Inspection Date
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047512050000	NBU 922-2911BS	D	S	PA	20-Mar-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047513900000	NBU 921-35L4CS	GW	S	PA	03-Dec-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047513950000	NBU 921-35N4BS	GW	S	PA	04-Feb-13
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047515200000	NBU 1021-28A4BS	D	S	PA	03-Dec-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047515220000	NBU 1021-28G4BS	D	S	PA	03-Dec-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047515230000	NBU 1021-28H4BS	D	S	PA	03-Dec-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047515210000	NBU 1021-28B4BS	D	S	PA	03-Dec-12
KERR-MCGEE OIL & GAS ONSHORE, L.P.	43047519590000	NBU 1022-12N1BS	D	S	PA	